

8		7		6		5		4		3		2		1			
1. TITLE PAGE / TABLE OF CONTENTS												REVISIONS					
												DCN	REV	DESCRIPTION	DATE	CHANGE BY	
													1.0	INITIAL RELEASE	2009-12-05	T. TRAN	
2. SAS CONNECTOR PORTS 0-7												22. POWER REGULATOR - VDDIO					
3. MEZZANINE CONNECTOR PORTS 8, 12												23. POWER REGULATOR - VDDCORE					
4. MEZZANINE CONNECTOR PORTS 16, 20												24. POWER REGULATOR - VDDPEA					
5. 24NT24AG2 - SERDES												25. POWER REGULATOR - VDDPEHA					
6. 24NT24AG2 - CLK, CONFIG, GPIO												26. POWER REGULATOR - VDDPETA					
7. 24NT24AG2 - POWER, GND												27. RESET, SMBUS, EEPROM, JTAG					
8. IOEXPANDER 0-3												28. DIP SWITCHES					
9. IOEXPANDER 4-7												29. LED - PORT STATUS (1 OF 7)					
10. IOEXPANDER 8-11												30. LED - PORT STATUS (2 OF 7)					
11. IOEXPANDER 12-13												31. LED - PORT STATUS (3 OF 7)					
12. IOEXPANDER 16-19												32. LED - PORT STATUS (4 OF 7)					
13. IOEXPANDER 20-21												33. LED - PORT STATUS (5 OF 7)					
14. HOT PLUG CONTROL PORTS 8-12												34. LED - PORT STATUS (6 OF 7)					
15. HOT PLUG CONTROL PORTS 16-20												35. LED - PORT STATUS (7 OF 7)					
16. SLOT RESETS AND WAKE PULL-UPS												36. MIN LOAD RESISTORS					
17. CLOCK												37. 12PK RIBBON CONNECTORS					
18. CLOCK BUFFER - 1												38. PARTITION RESET SELECT HEADERS					
19. CLOCK SELECTOR - DUT PCLK 0-20, GCLK 1-2												39. SLOT RESET SELECT HEADERS					
20. CLOCK SELECTOR - SLOTS 0-20												40. PORT 8 CLOCK GENERATOR					
21. POWER CONNECTORS												41. PORT 16 CLOCK GENERATOR					
 CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC. 6824 SILVER CREEK VALLEY RD. SAN JOSE, CA 95138 COPYRIGHT (C) 2010 IDT												TITLE EB-LOGAN-19					
												SIZE B	DRAWING NO. SCH-PESEB-002		FAB P/N 18-692-000		REV. 1.1
												AUTHOR Tony Tran		CHECKED BY Derek Huang			
												Tue Apr 20 12:37:19 2010			SHEET 1 OF 41		
8		7		6		5		4		3		2		1			



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.

6024 SILVER CREEK VALLEY RD. SAN JOSE, CA 95138

COPYRIGHT (C) 2010 IDT

TITLE

EB-LOGAN-19

SIZE	DRAWING NO.	FAB P/N	REV.
B	SCH-PESEB-002	18-692-000	1.1
AUTHOR		CHECKED BY	
Tony Tran		Derek Huang	
Tue Apr 20 12:37:19 2010			SHEET 1 OF 41

D

C

B

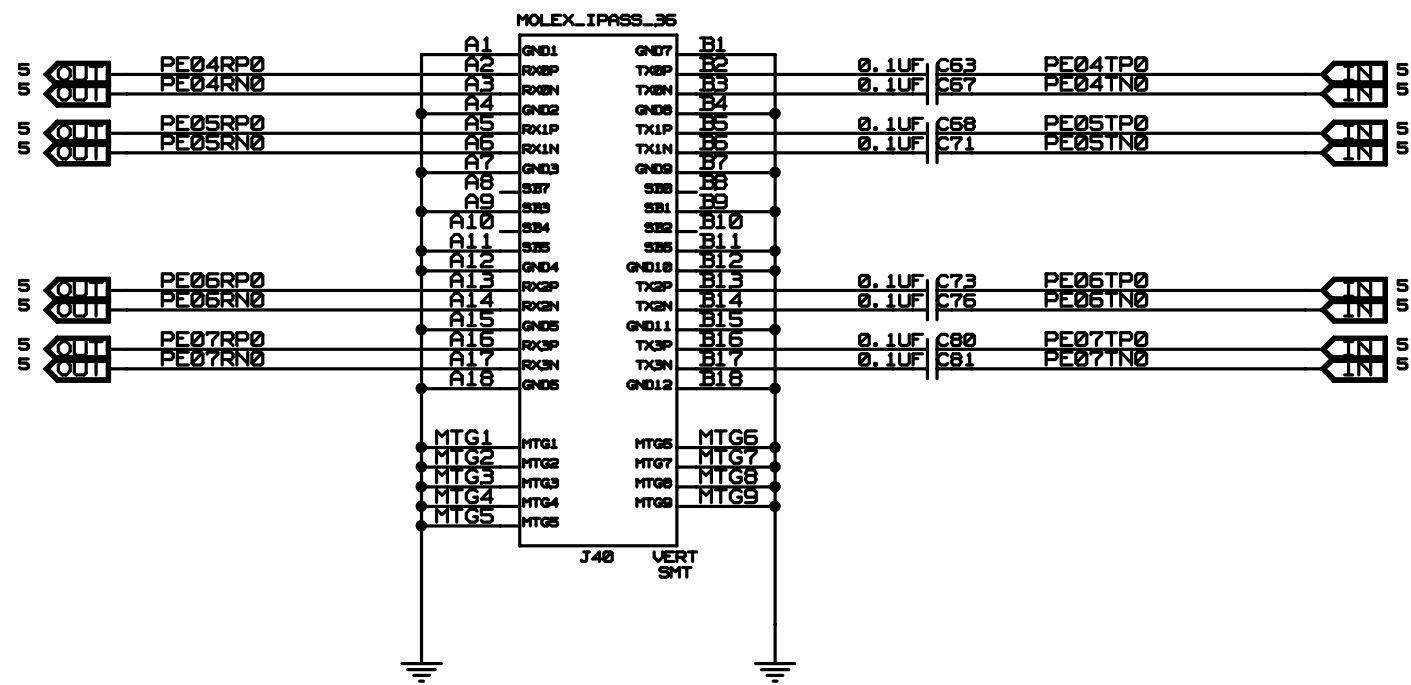
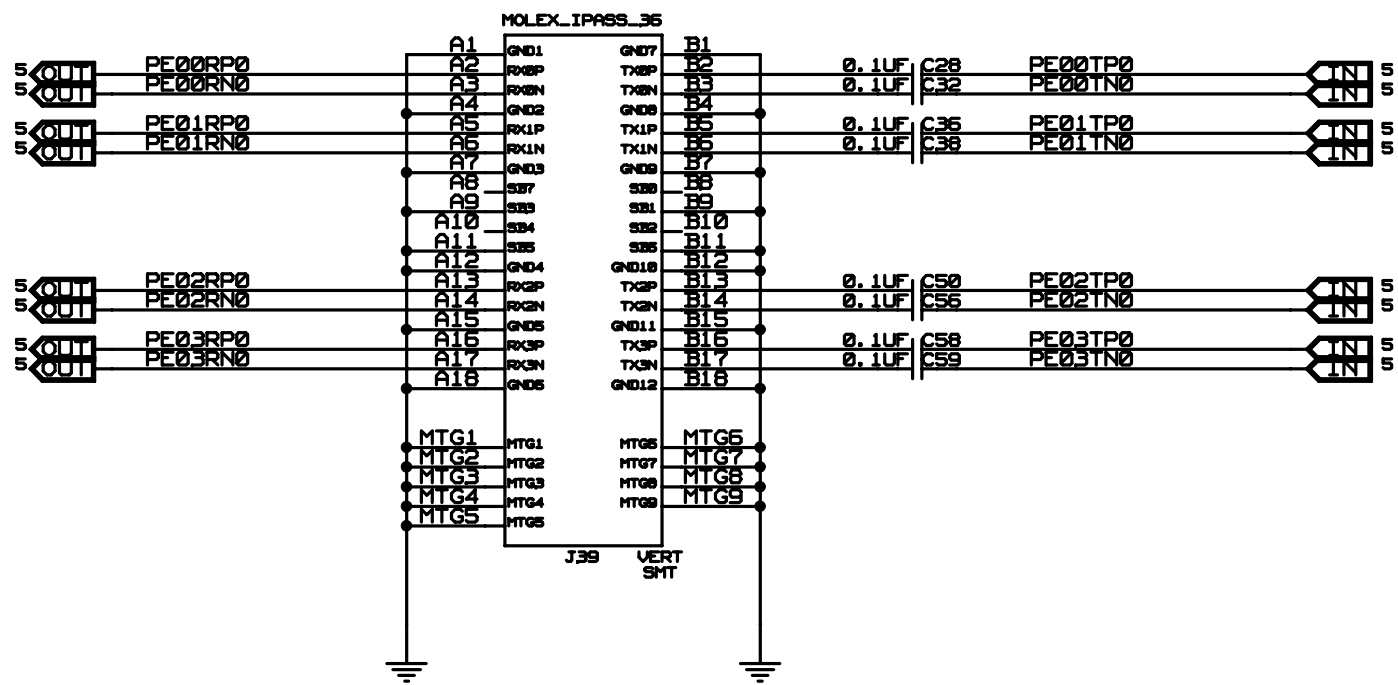
A

D

C

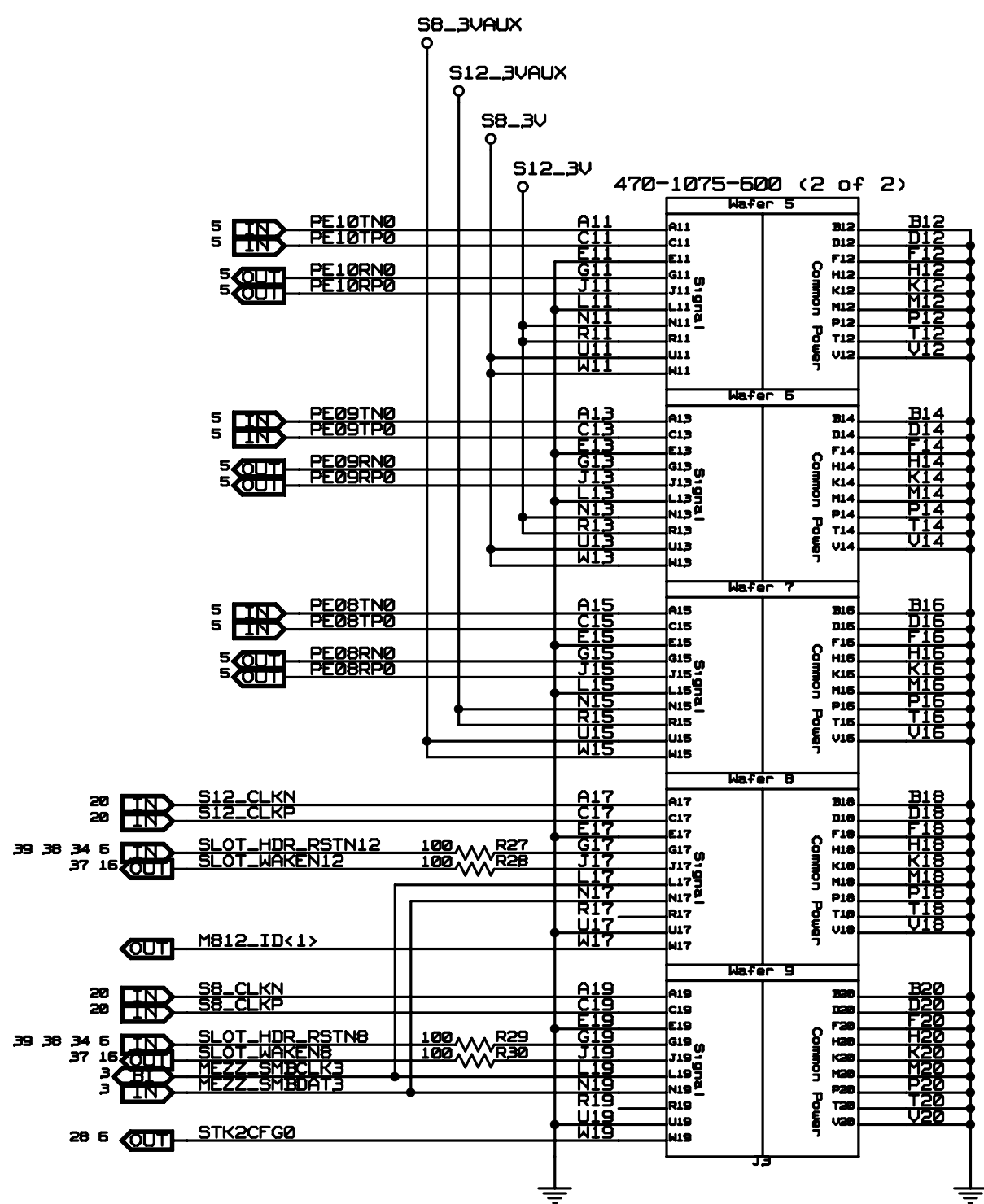
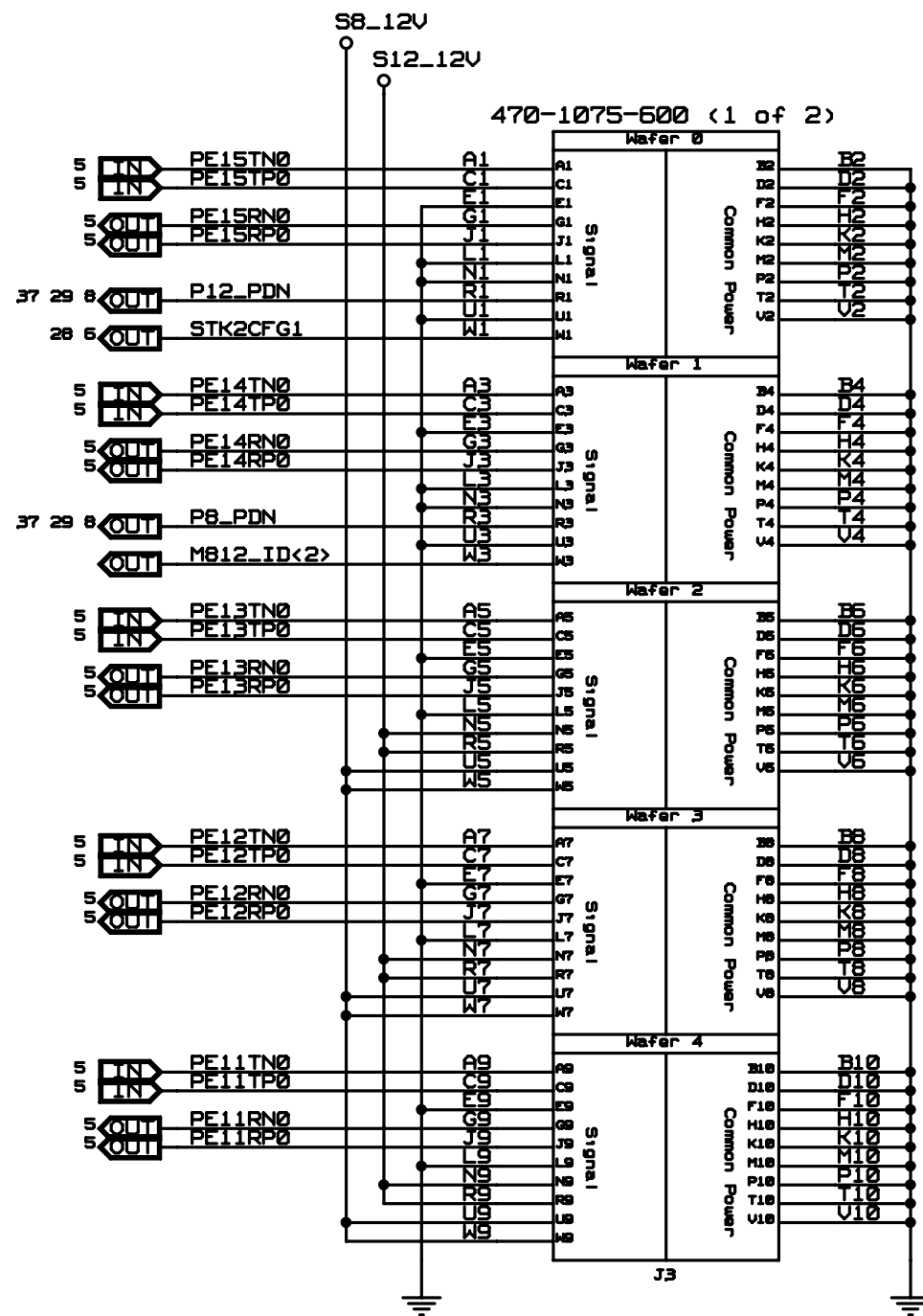
B

A

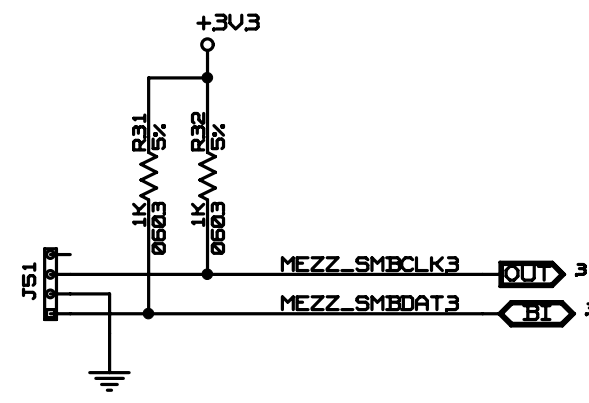


CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
SAS CONNECTOR PORTS 0-7			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:25 2010			SHEET 2 OF 41

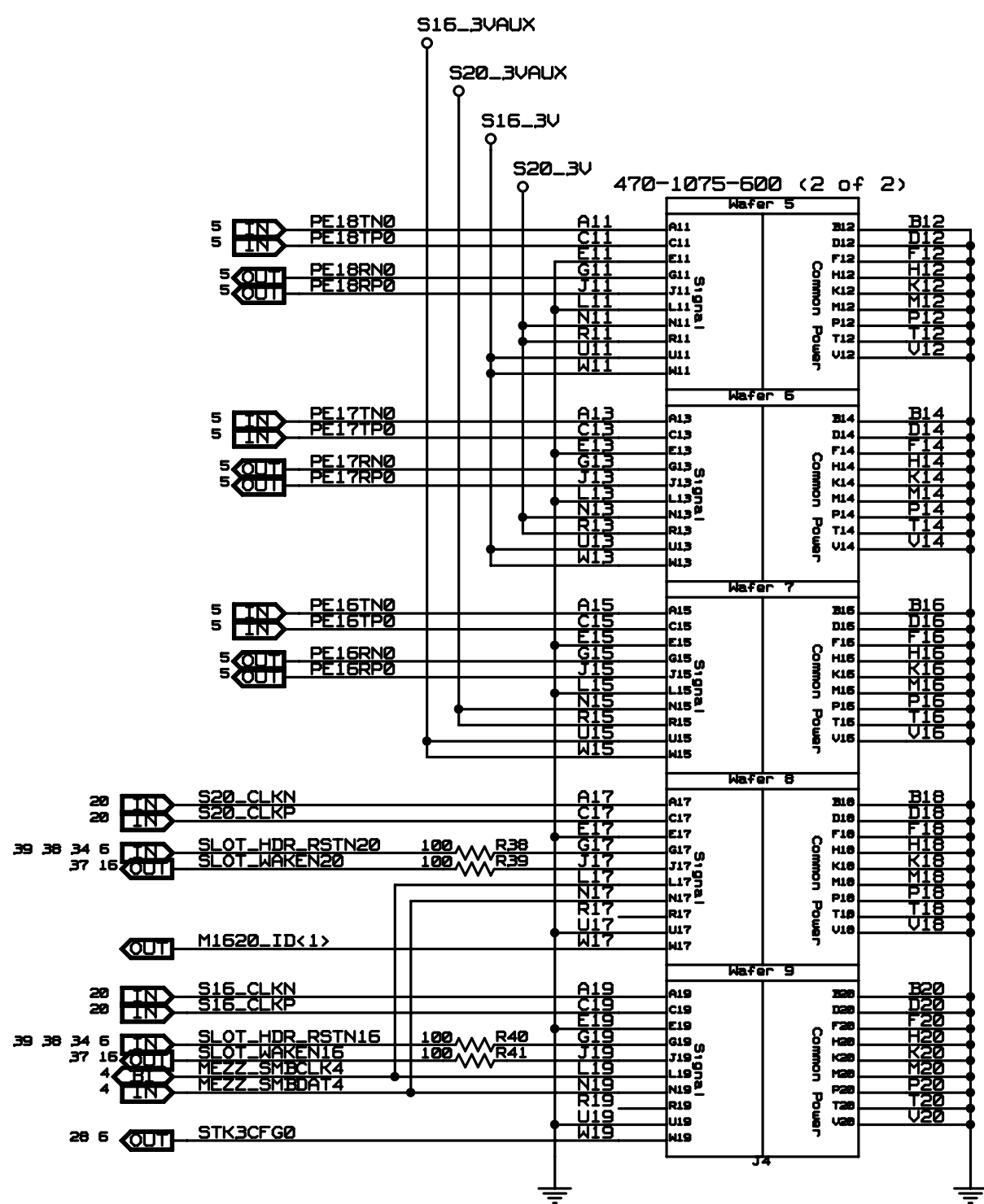
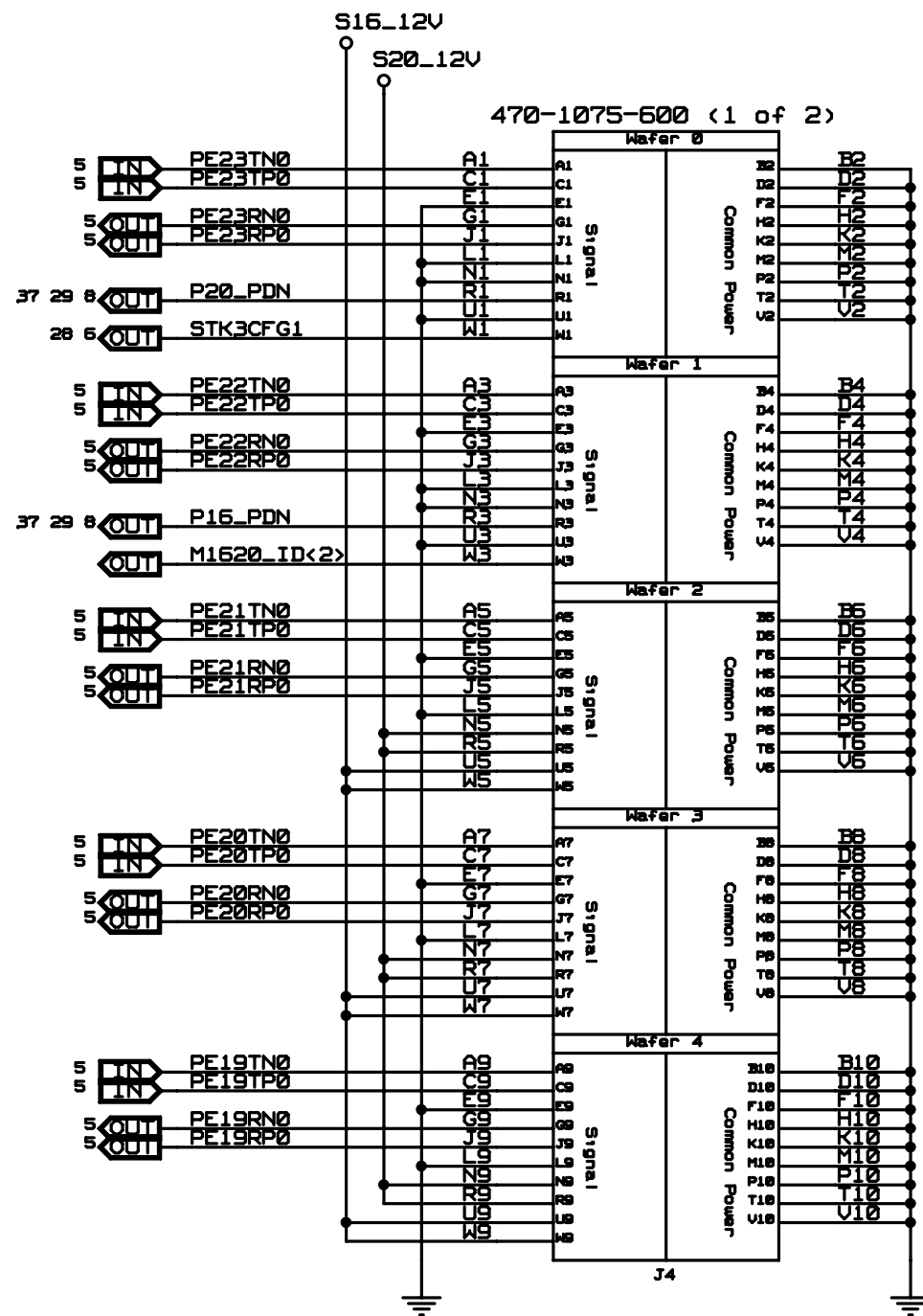


STK2CFG1 & STK2CFG0 SET BY MEZZ CARDS
 X8 - STK2CFG1 = 0, STK2CFG0 = 0
 X4 - STK2CFG1 = 0, STK2CFG0 = 1

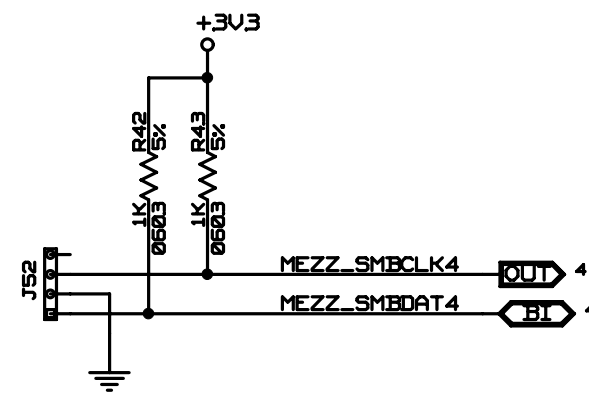


CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
 6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
 COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
MEZZANINE CONNECTOR PORTS 8/12			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:31 2010			SHEET 3 OF 41

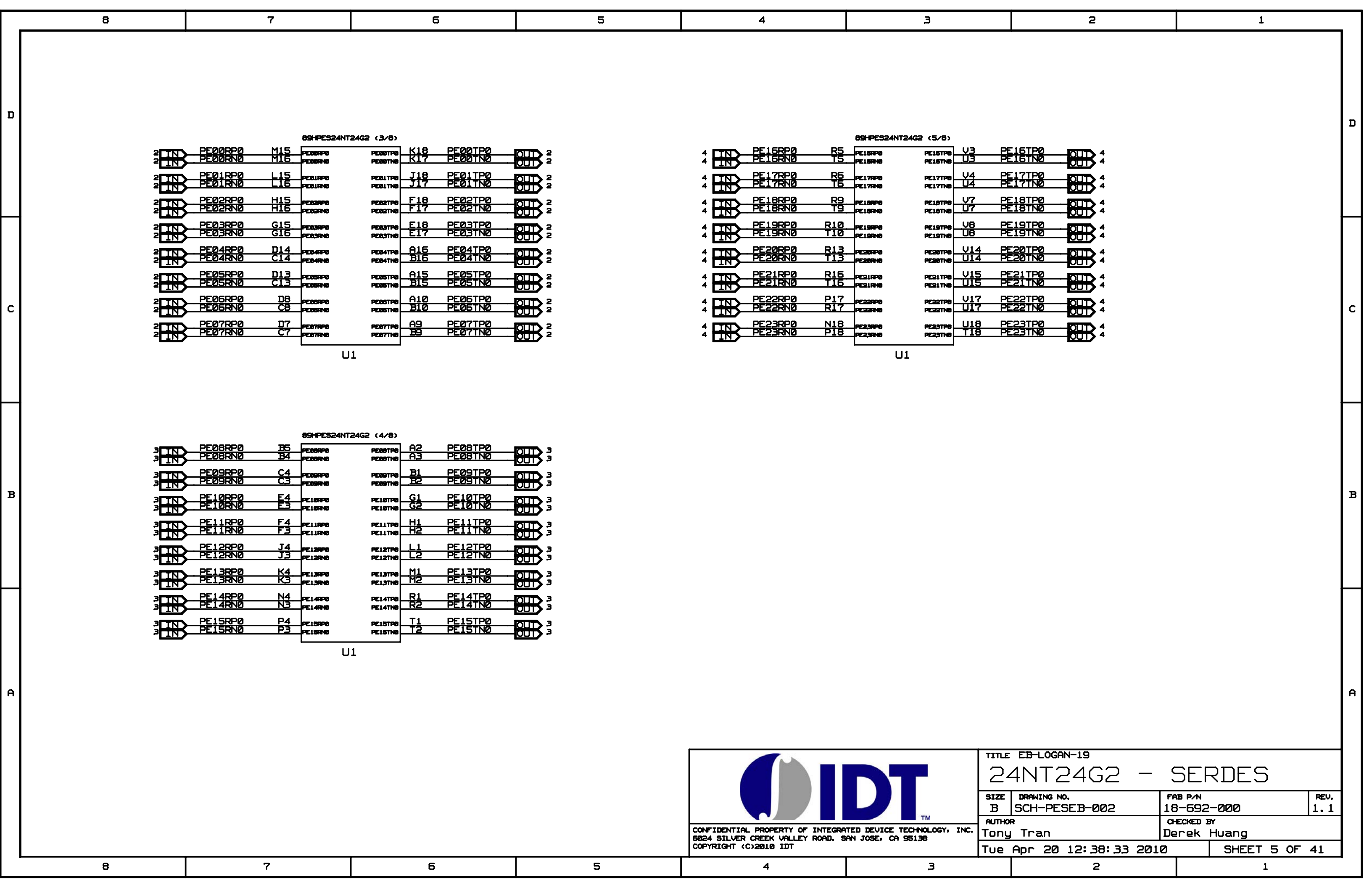


STK3CFG1 & STK3CFG0 SET BY MEZZ CARDS
 X8 - STK3CFG1 = 0, STK3CFG0 = 0
 X4 - STK3CFG1 = 0, STK3CFG0 = 1



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
 6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
 COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
MEZZANINE CONNECTOR PORTS 16/20			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:32 2010			SHEET 4 OF 41



2

IN

PE04RP0

D14

PE04RP0

PE04TP0

A16

PE04TP0

OUT

2

2

IN

PE04RN0

C14

PE04RN0

PE04TN0

B16

PE04TN0

OUT

2

2

IN

PE05RP0

D13

PE05RP0

PE05TP0

A15

PE05TP0

OUT

2

2

IN

PE05RN0

C13

PE05RN0

PE05TN0

B15

PE05TN0

OUT

2

2

IN

PE06RP0

D8

PE06RP0

PE06TP0

A10

PE06TP0

OUT

2

2

IN

PE06RN0

C8

PE06RN0

PE06TN0

B10

PE06TN0

OUT

2

2

IN

PE07RP0

D7

PE07RP0

PE07TP0

A9

PE07TP0

OUT

2

2

IN

PE07RN0

C7

PE07RN0

PE07TN0

B9

PE07TN0

OUT

2

U1

4

IN

PE16RP0

R5

PE16RP0

PE16TP0

V3

PE16TP0

OUT

4

4

IN

PE16RN0

T5

PE16RN0

PE16TN0

U3

PE16TN0

OUT

4

4

IN

PE17RP0

R6

PE17RP0

PE17TP0

V4

PE17TP0

OUT

4

4

IN

PE17RN0

T6

PE17RN0

PE17TN0

U4

PE17TN0

OUT

4

4

IN

PE18RP0

R9

PE18RP0

PE18TP0

V7

PE18TP0

OUT

4

4

IN

PE18RN0

T9

PE18RN0

PE18TN0

U7

PE18TN0

OUT

4

4

IN

PE19RP0

R10

PE19RP0

PE19TP0

V8

PE19TP0

OUT

4

4

IN

PE19RN0

T10

PE19RN0

PE19TN0

U8

PE19TN0

OUT

4

4

IN

PE20RP0

R13

PE20RP0

PE20TP0

V14

PE20TP0

OUT

4

4

IN

PE20RN0

T13

PE20RN0

PE20TN0

U14

PE20TN0

OUT

4

4

IN

PE21RP0

R16

PE21RP0

PE21TP0

V15

PE21TP0

OUT

4

4

IN

PE21RN0

T16

PE21RN0

PE21TN0

U15

PE21TN0

OUT

4

4

IN

PE22RP0

P17

PE22RP0

PE22TP0

V17

PE22TP0

OUT

4

4

IN

PE22RN0

T17

PE22RN0

PE22TN0

U17

PE22TN0

OUT

4

4

IN

PE23RP0

N18

PE23RP0

PE23TP0

U18

PE23TP0

OUT

4

4

IN

PE23RN0

P18

PE23RN0

PE23TN0

T18

PE23TN0

OUT

4

U1

3

IN

PE08RP0

B5

PE08RP0

PE08TP0

A2

PE08TP0

OUT

3

3

IN

PE08RN0

B4

PE08RN0

PE08TN0

A3

PE08TN0

OUT

3

3

IN

PE09RP0

C4

PE09RP0

PE09TP0

B1

PE09TP0

OUT

3

3

IN

PE09RN0

C3

PE09RN0

PE09TN0

B2

PE09TN0

OUT

3

3

IN

PE10RP0

E4

PE10RP0

PE10TP0

G1

PE10TP0

OUT

3

3

IN

PE10RN0

E3

PE10RN0

PE10TN0

G2

PE10TN0

OUT

3

3

IN

PE11RP0

F4

PE11RP0

PE11TP0

H1

PE11TP0

OUT

3

3

IN

PE11RN0

F3

PE11RN0

PE11TN0

H2

PE11TN0

OUT

3

3

IN

PE12RP0

J4

PE12RP0

PE12TP0

L1

PE12TP0

OUT

3

3

IN

PE12RN0

J3

PE12RN0

PE12TN0

L2

PE12TN0

OUT

3

3

IN

PE13RP0

K4

PE13RP0

PE13TP0

M1

PE13TP0

OUT

3

3

IN

PE13RN0

K3

PE13RN0

PE13TN0

M2

PE13TN0

OUT

3

3

IN

PE14RP0

N4

PE14RP0

PE14TP0

R1

PE14TP0

OUT

3

3

IN

PE14RN0

N3

PE14RN0

PE14TN0

R2

PE14TN0

OUT

3

3

IN

PE15RP0

P4

PE15RP0

PE15TP0

T1

PE15TP0

OUT

3

3

IN

PE15RN0

P3

PE15RN0

PE15TN0

T2

PE15TN0

OUT

3

U1



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19
24NT24G2 - SERDES

SIZE
B

DRAWING NO.
SCH-PESEB-002

FAB P/N
18-692-000

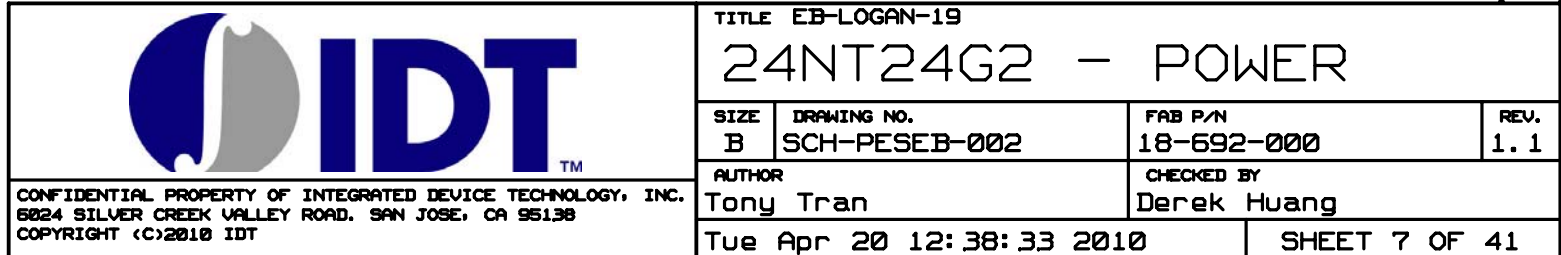
REV.
1.1

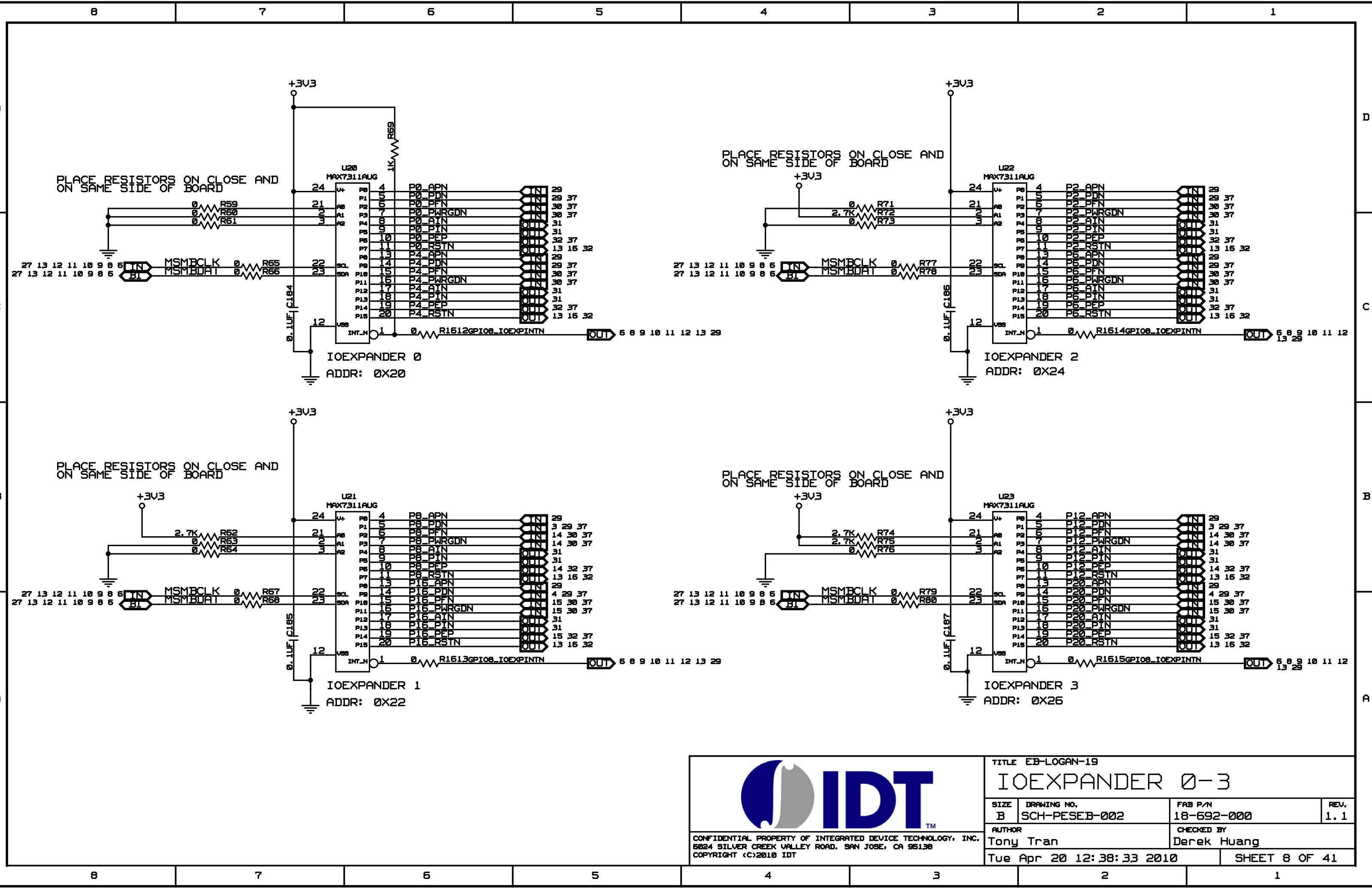
AUTHOR
Tony Tran

CHECKED BY
Derek Huang

Tue Apr 20 12:38:33 2010

SHEET 5 OF 41



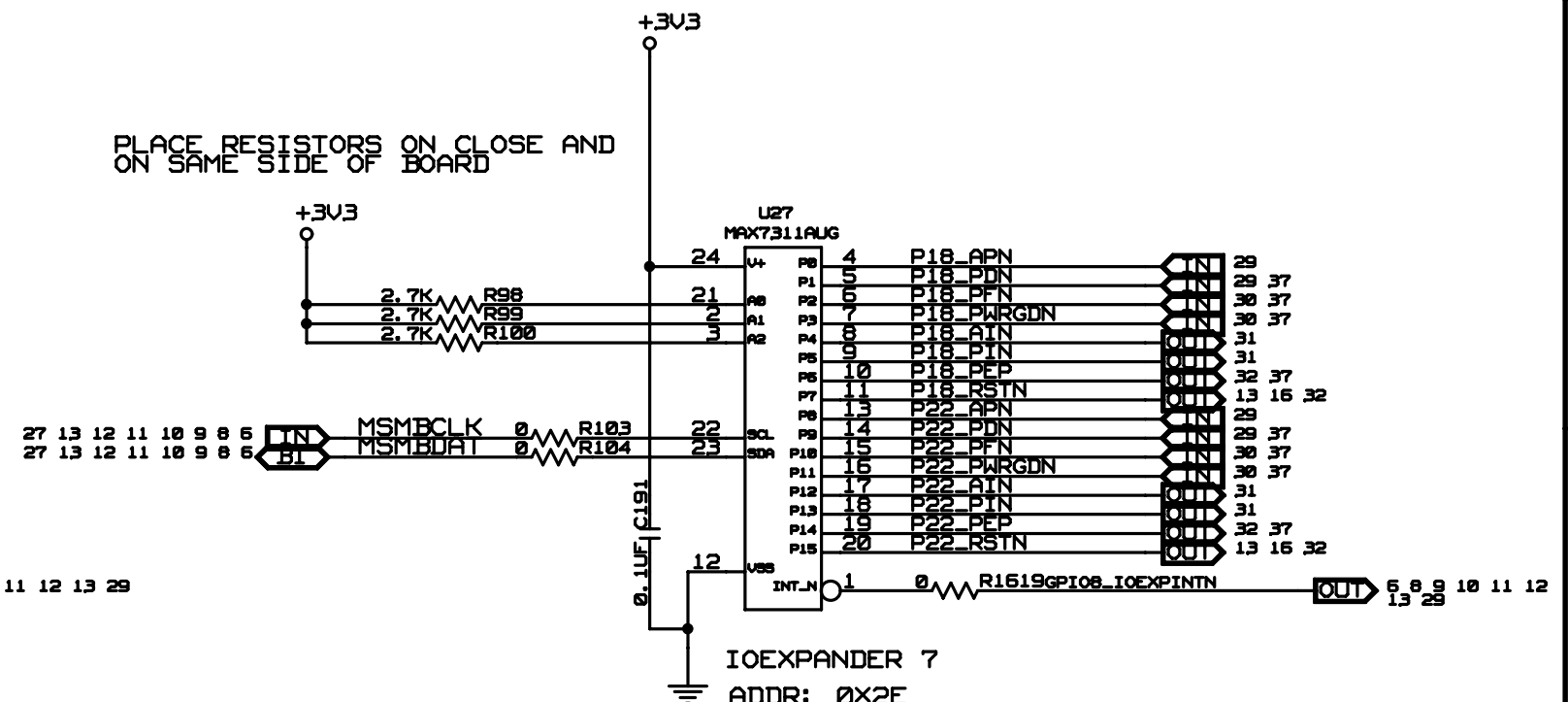
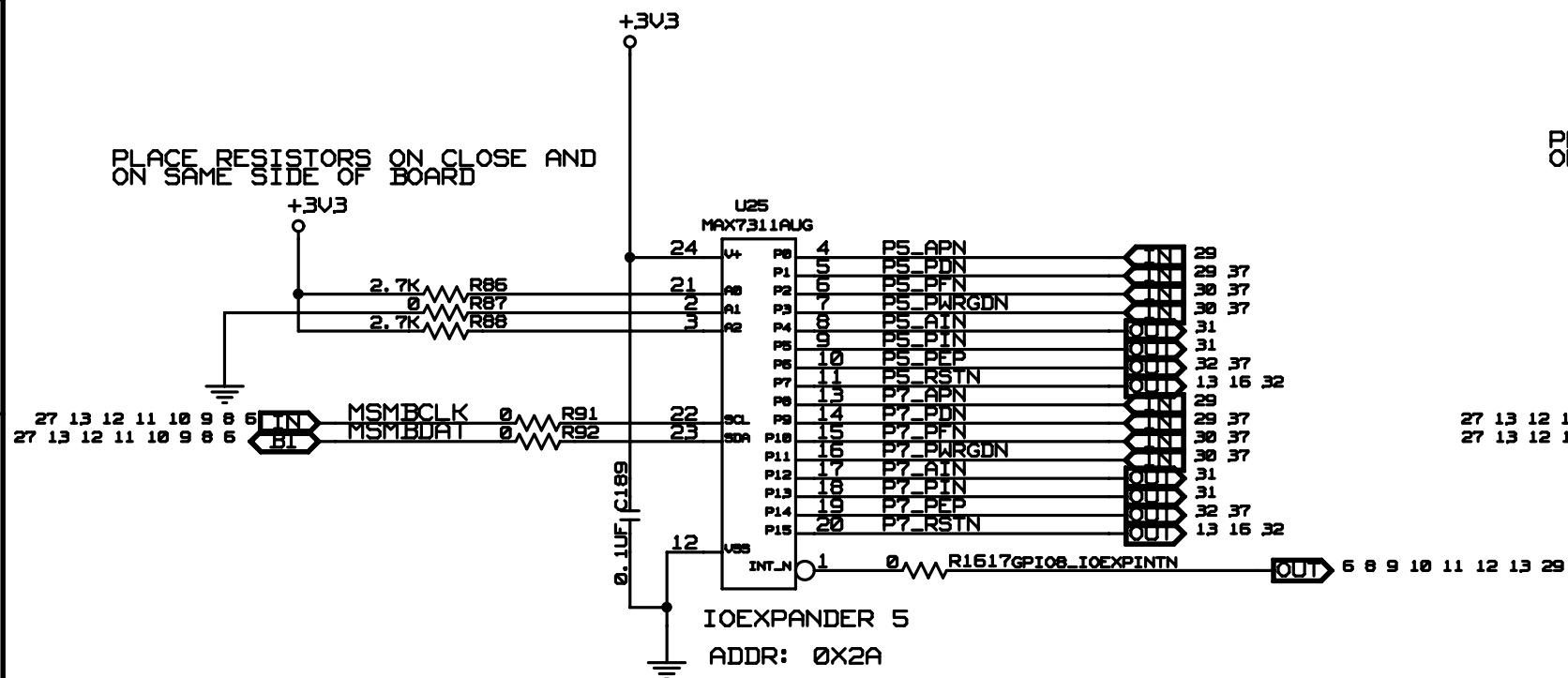
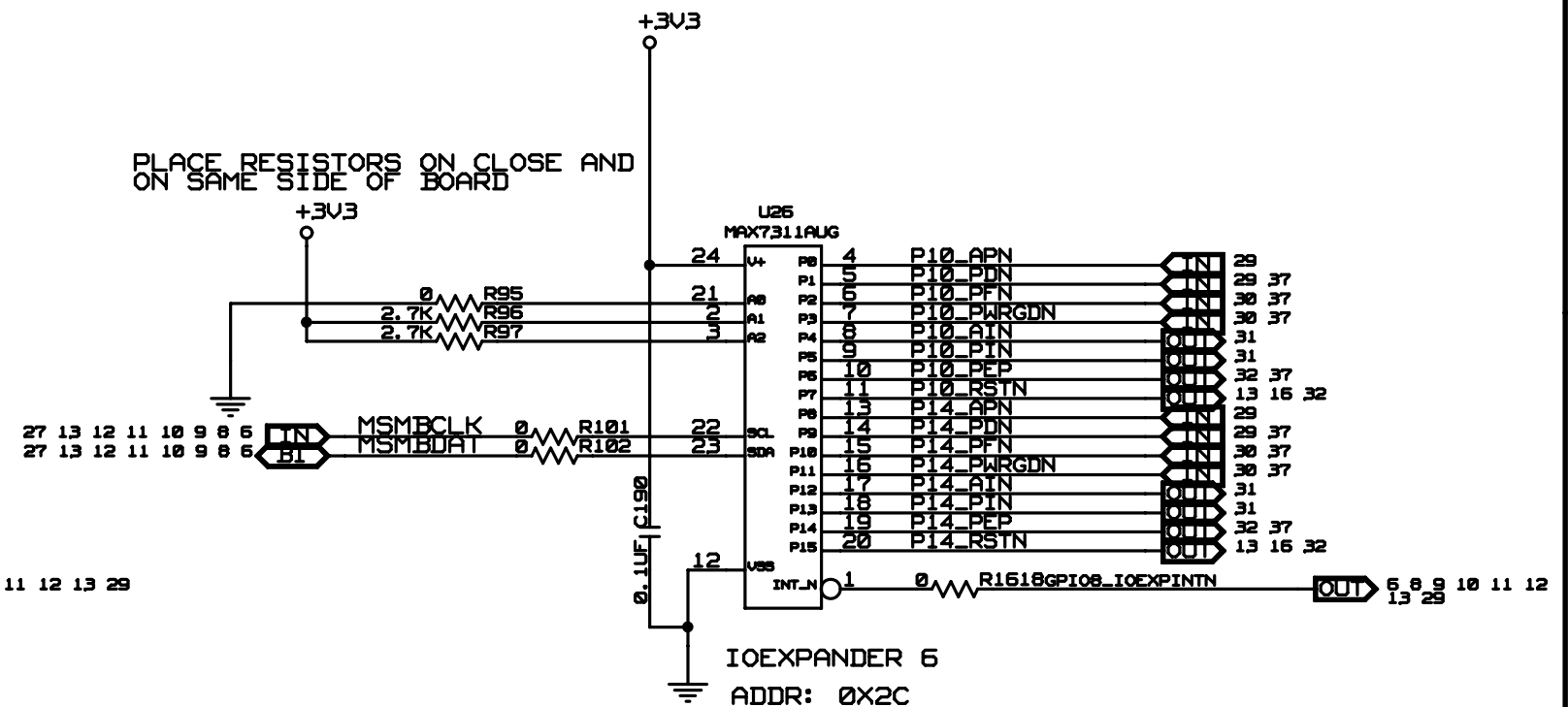
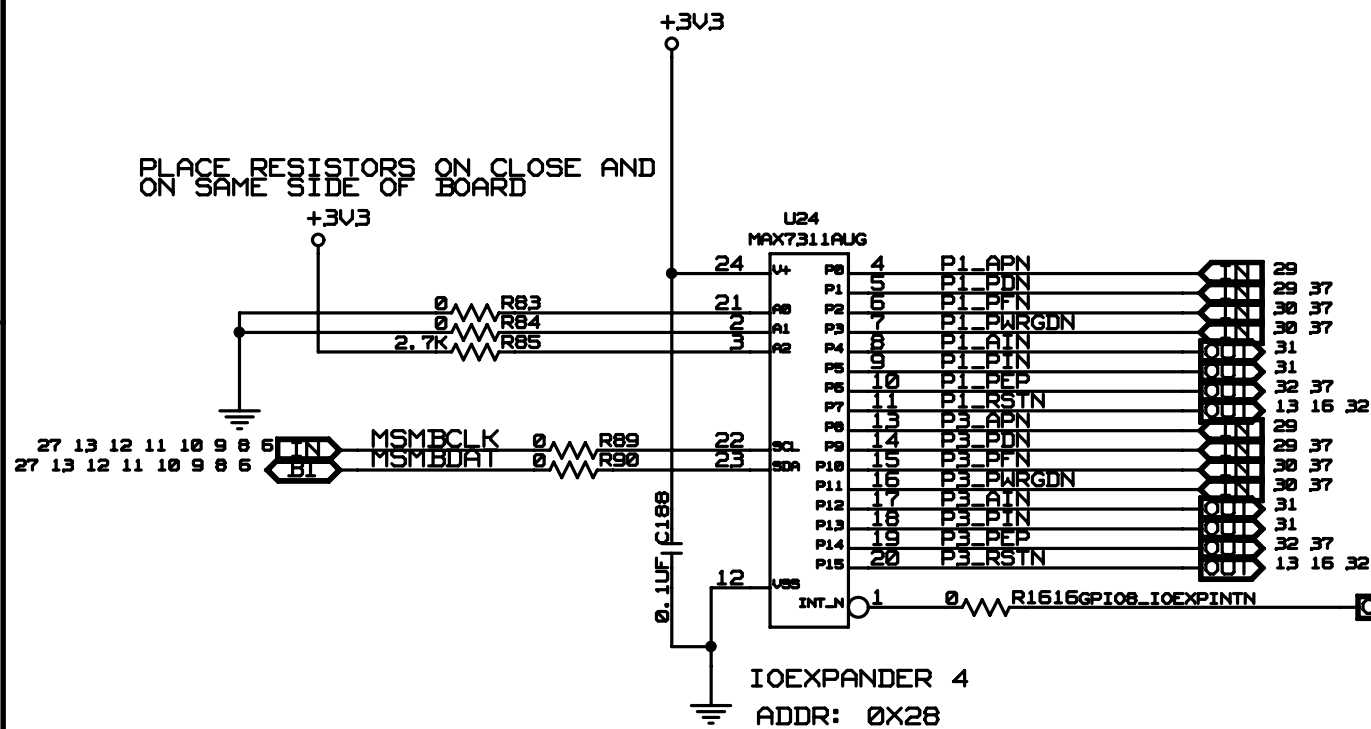




CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19
IOEXPANDER 0-3

SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:33 2010		SHEET 8 OF 41	



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE	EB-LOGAN-19
-------	-------------

IOEXPANDER 4-7

SIZE	B
------	---

DRAWING NO.
SCH-PESEB-002

FAB P/N
18-692-000

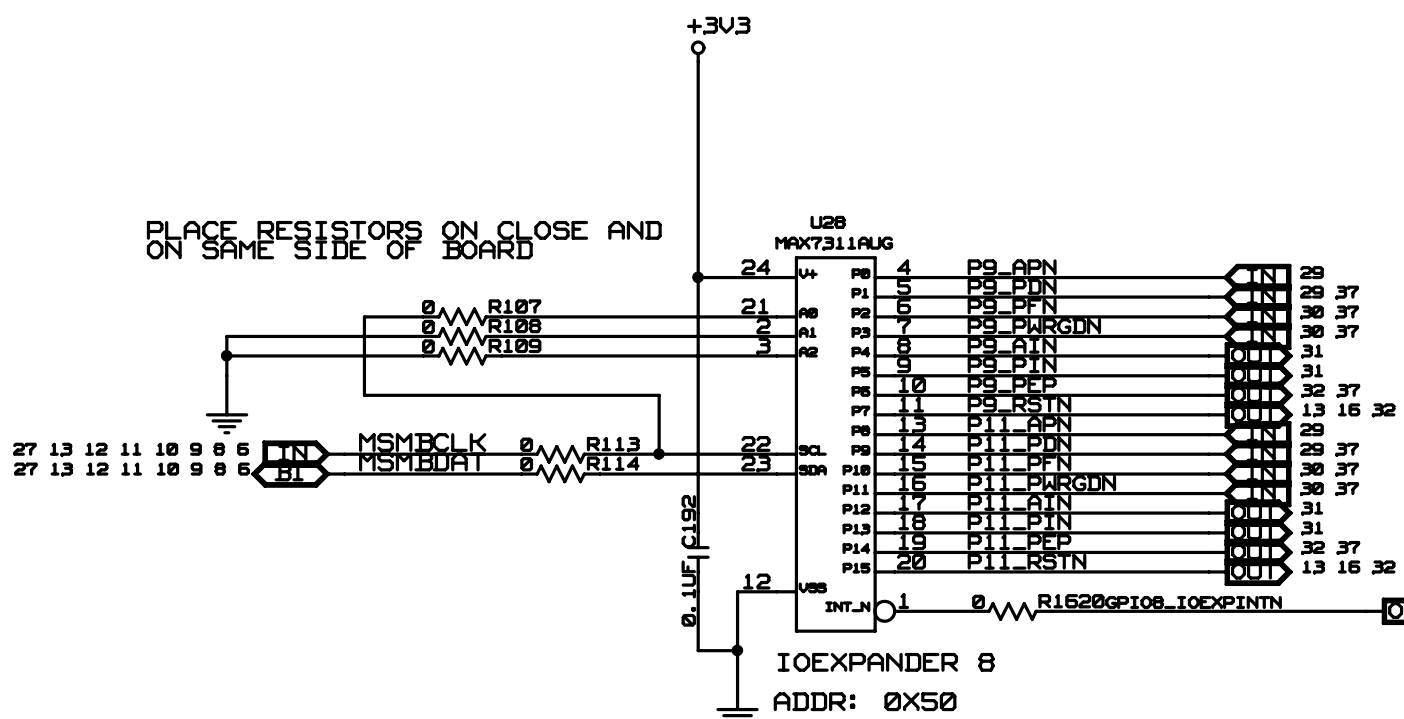
REV.
1.1

AUTHOR	Tony Tran
--------	-----------

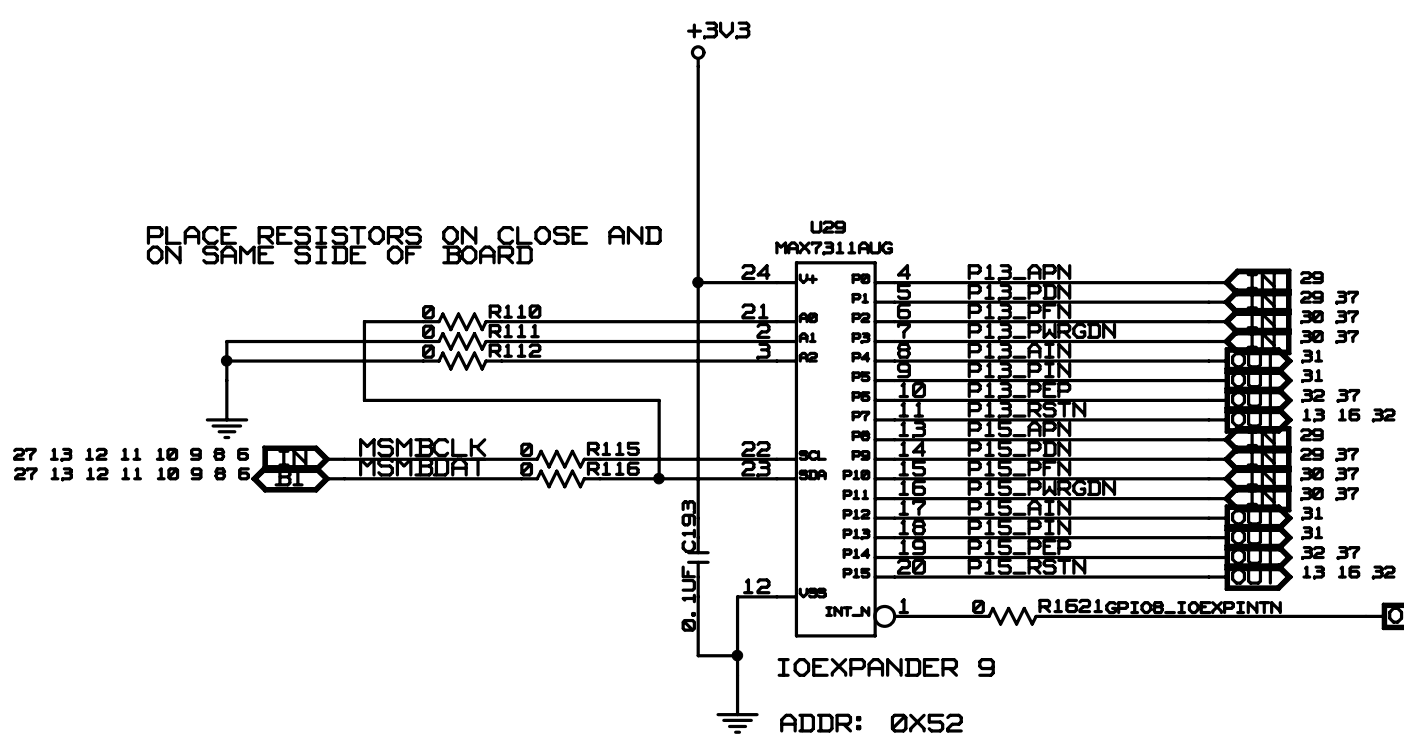
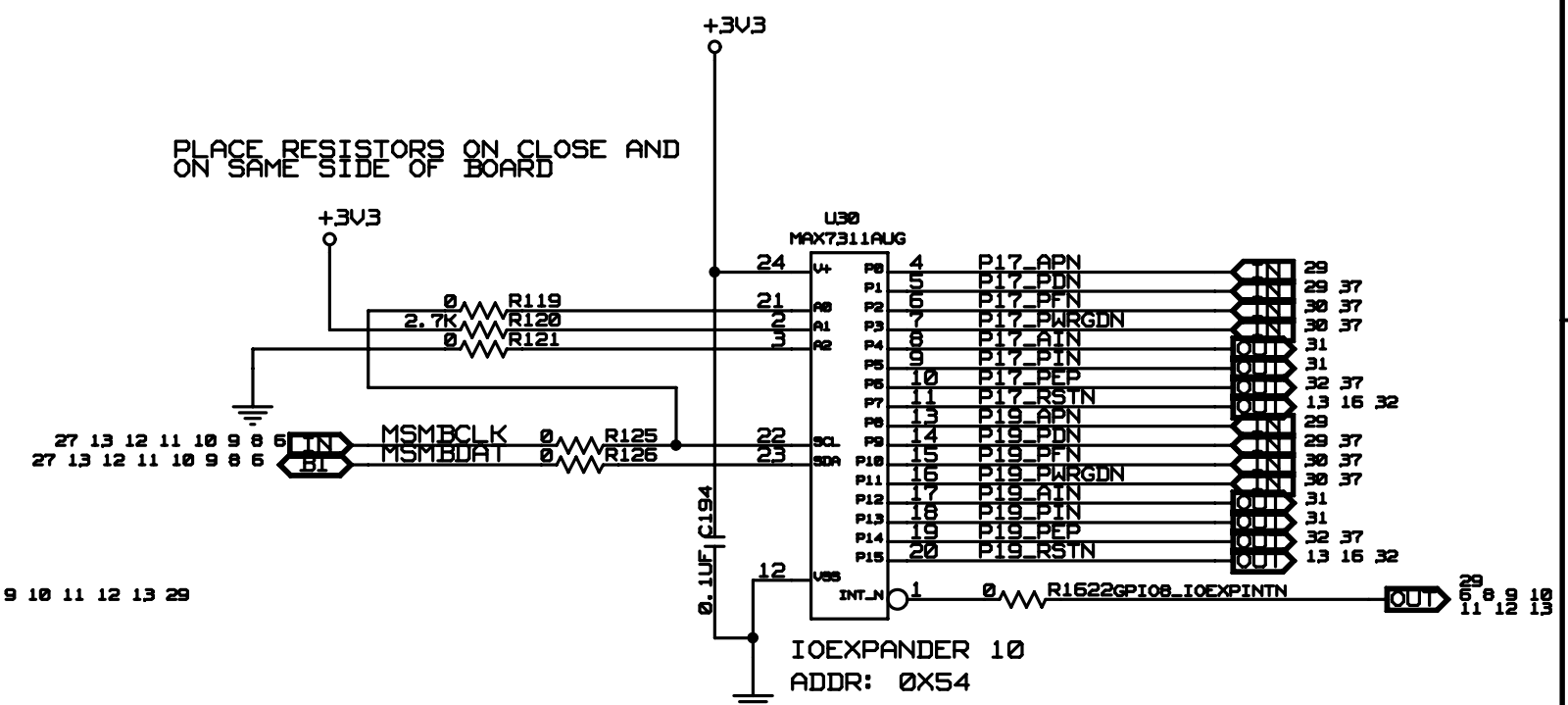
CHECKED BY Derek Huang

Tue Apr 20 12:38:18 2010

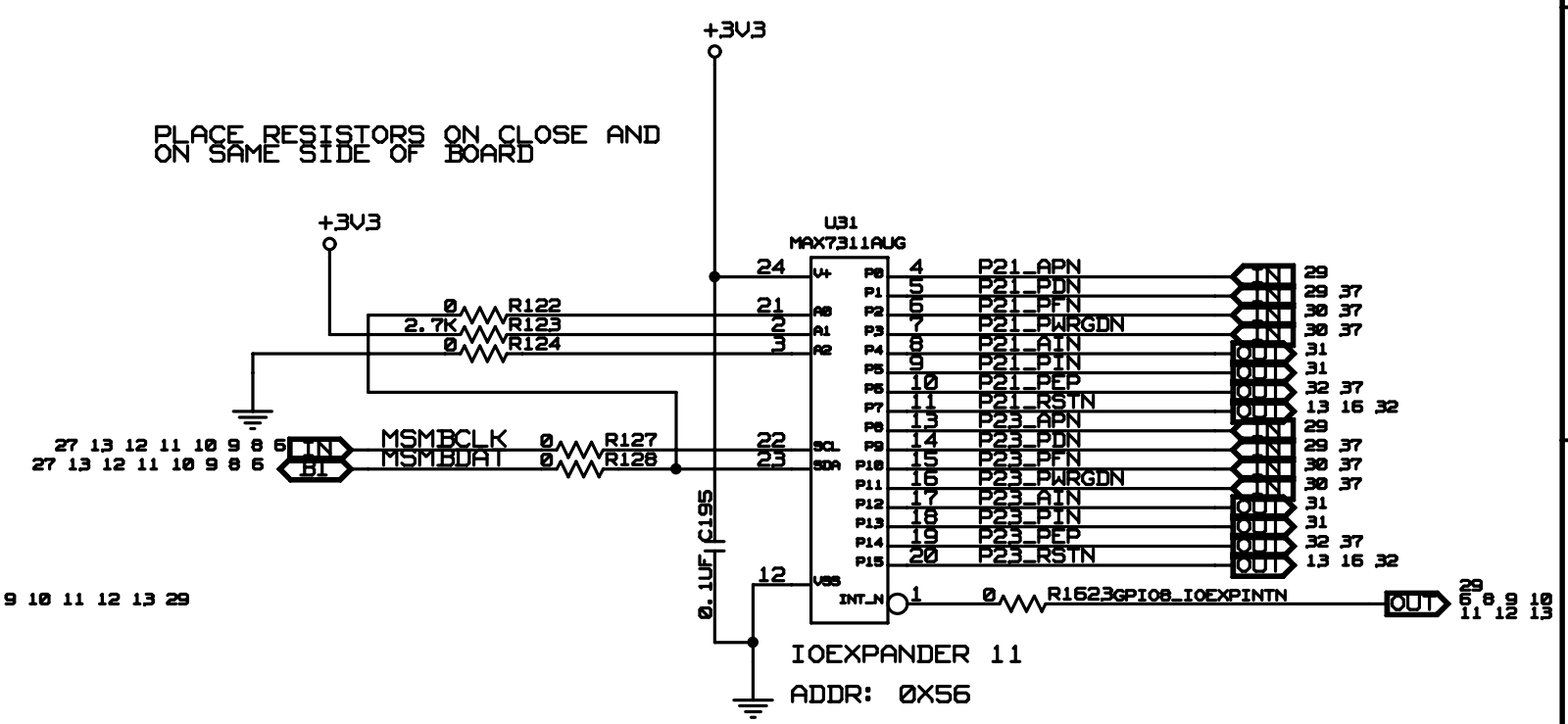
SHEET 9 OF 41



PLACE RESISTORS ON CLOSE AND ON SAME SIDE OF BOARD



PLACE RESISTORS ON CLOSE AND ON SAME SIDE OF BOARD



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2000 IDT

TITLE EB-LOGAN-19			
IOEXPANDER 8-11			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:19 2010			SHEET 10 OF 41

D

D

C

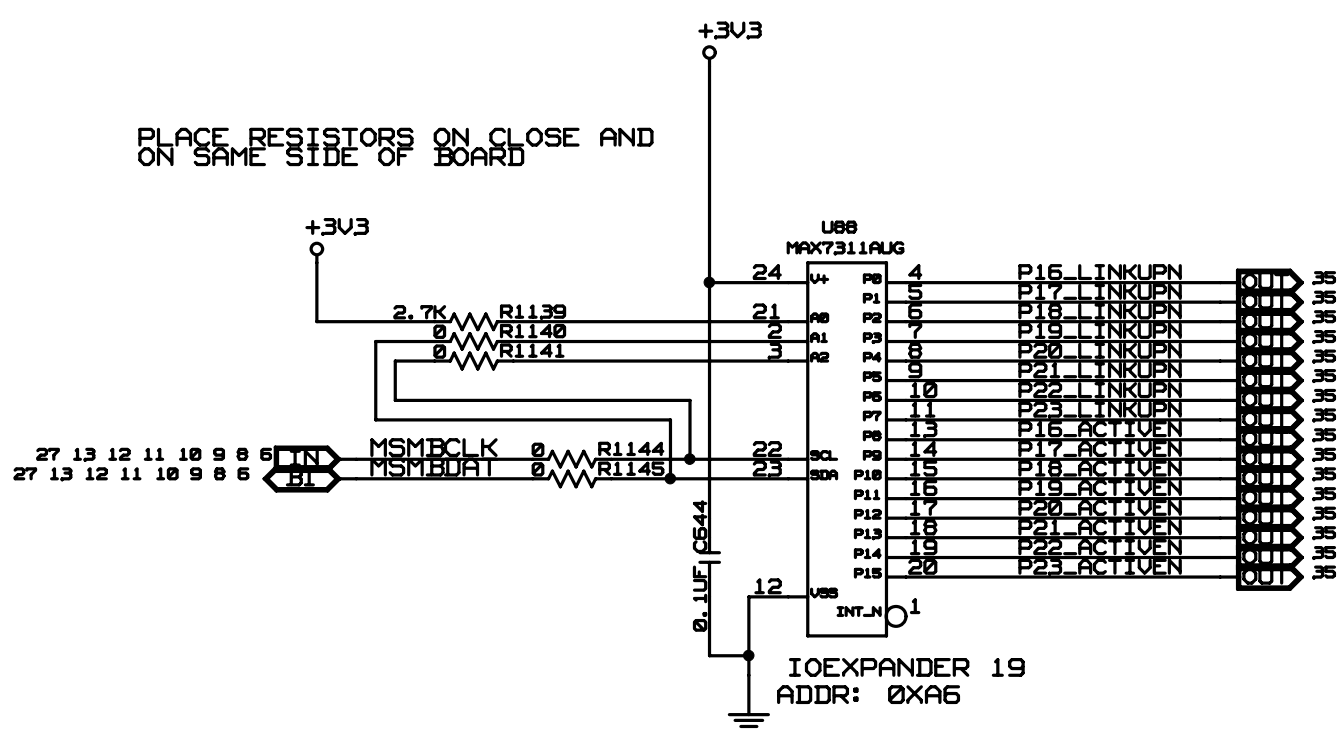
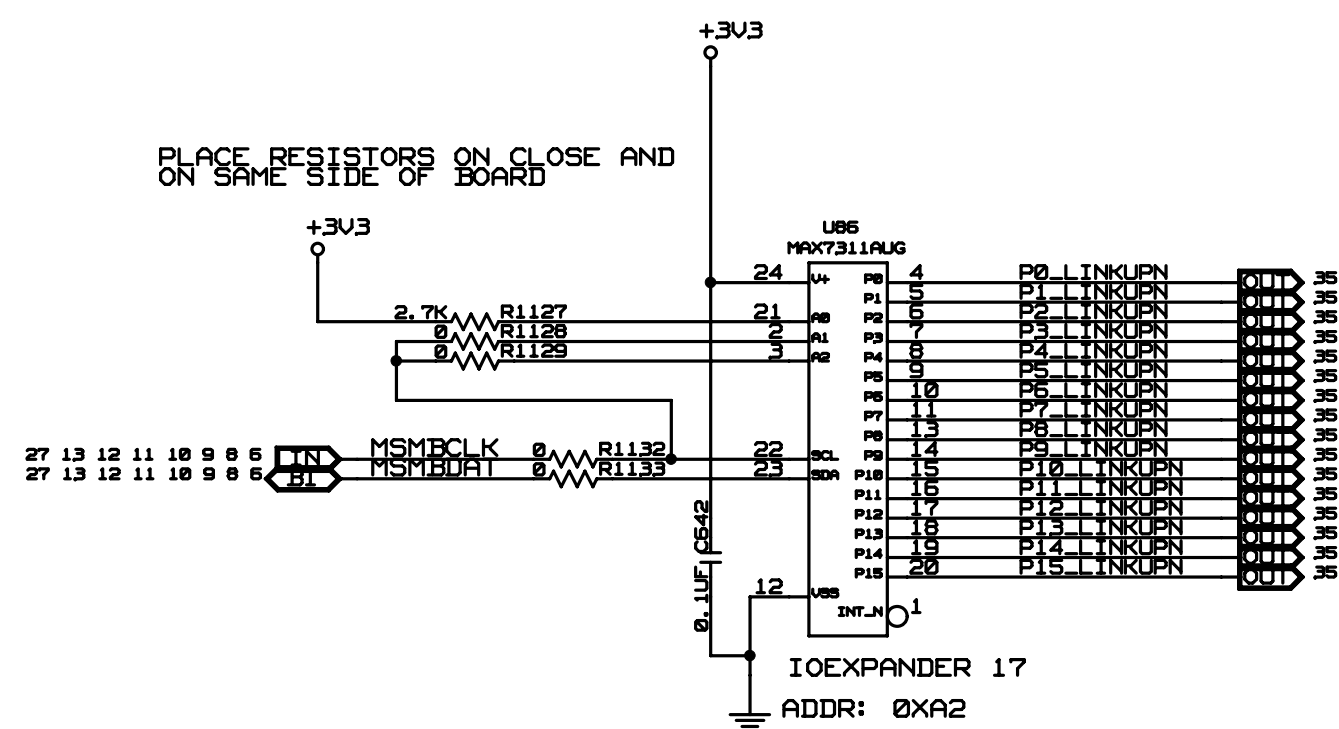
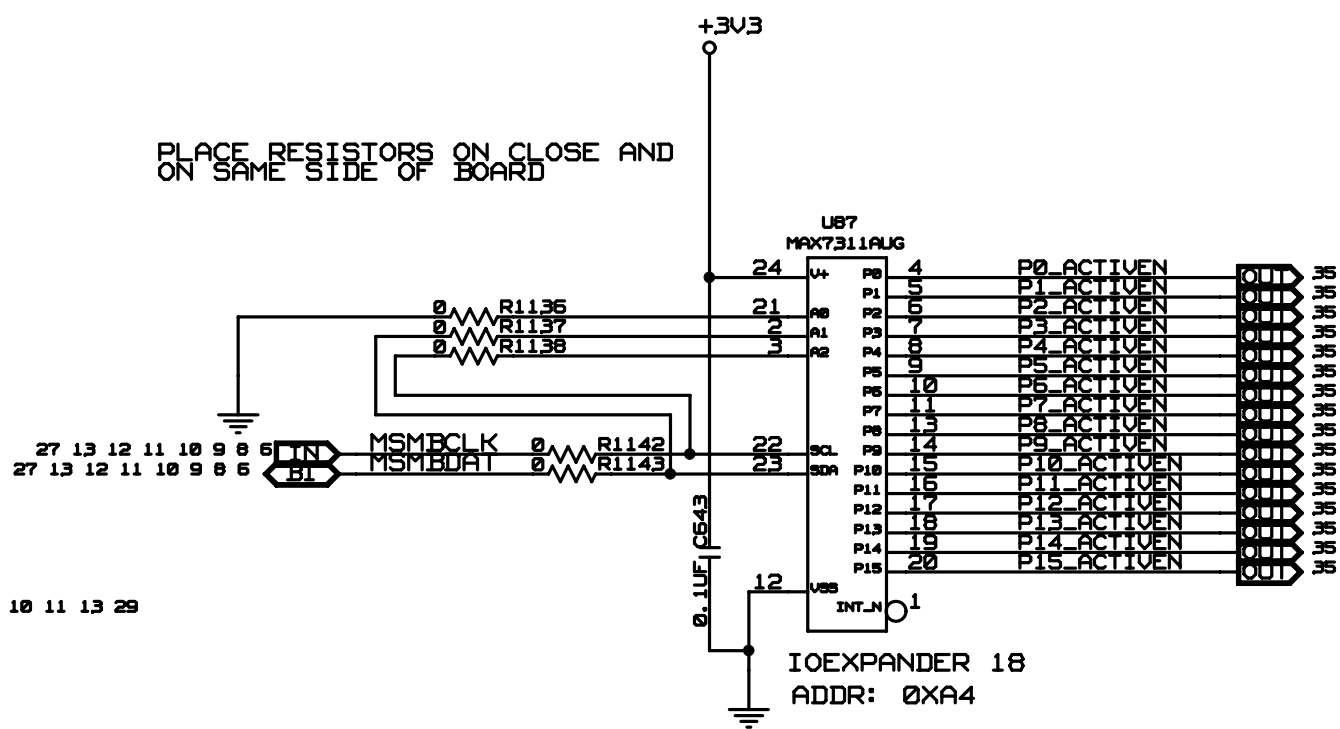
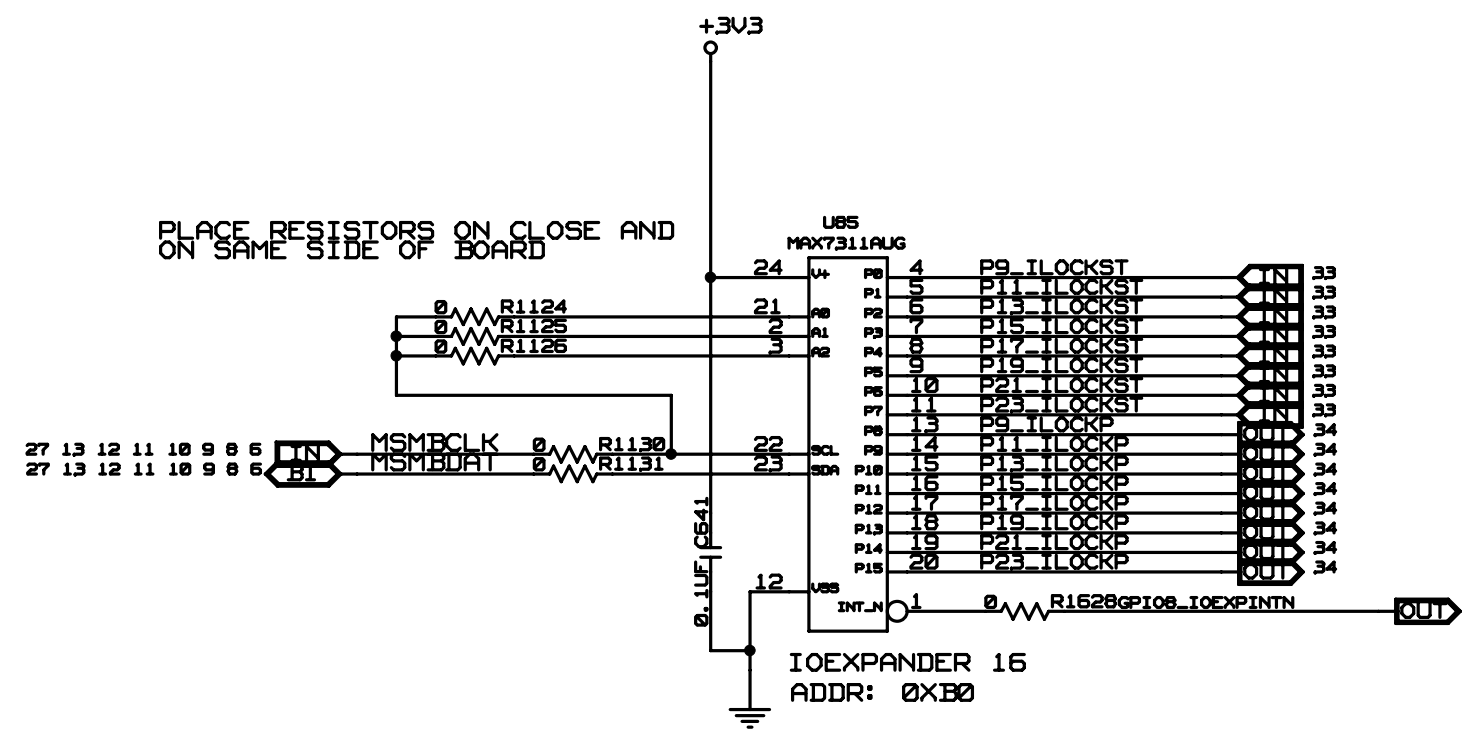
C

B

B

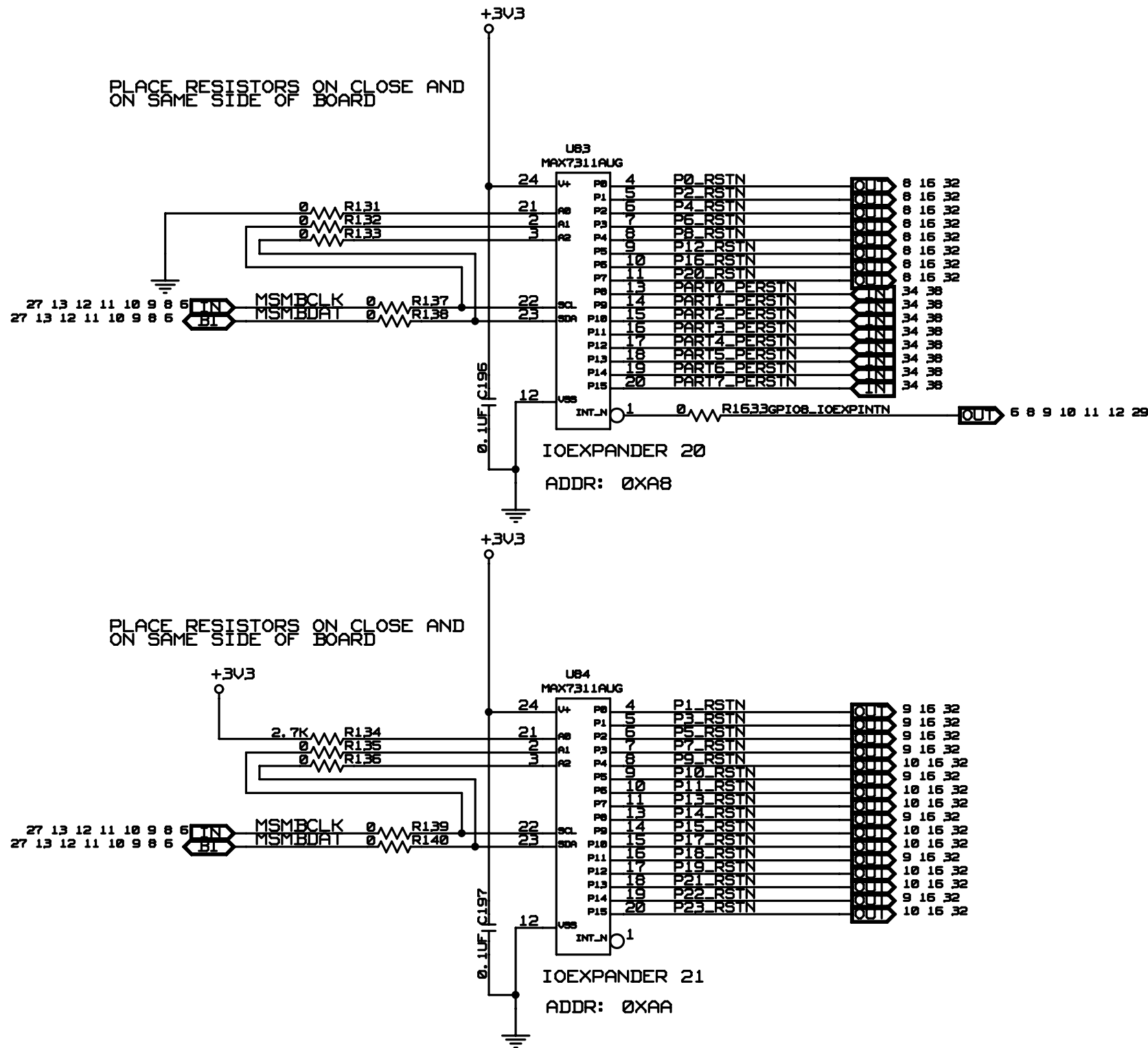
A

A



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
IOEXPANDER 16-19			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:20 2010			SHEET 12 OF 41



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19

IOEXPANDER 20-21

SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
-----------	------------------------------	-----------------------	-------------

AUTHOR Tony Tran	CHECKED BY Derek Huang
---------------------	---------------------------

Tue Apr 20 12:38:20 2010

SHEET 13 OF 41

D

D

C

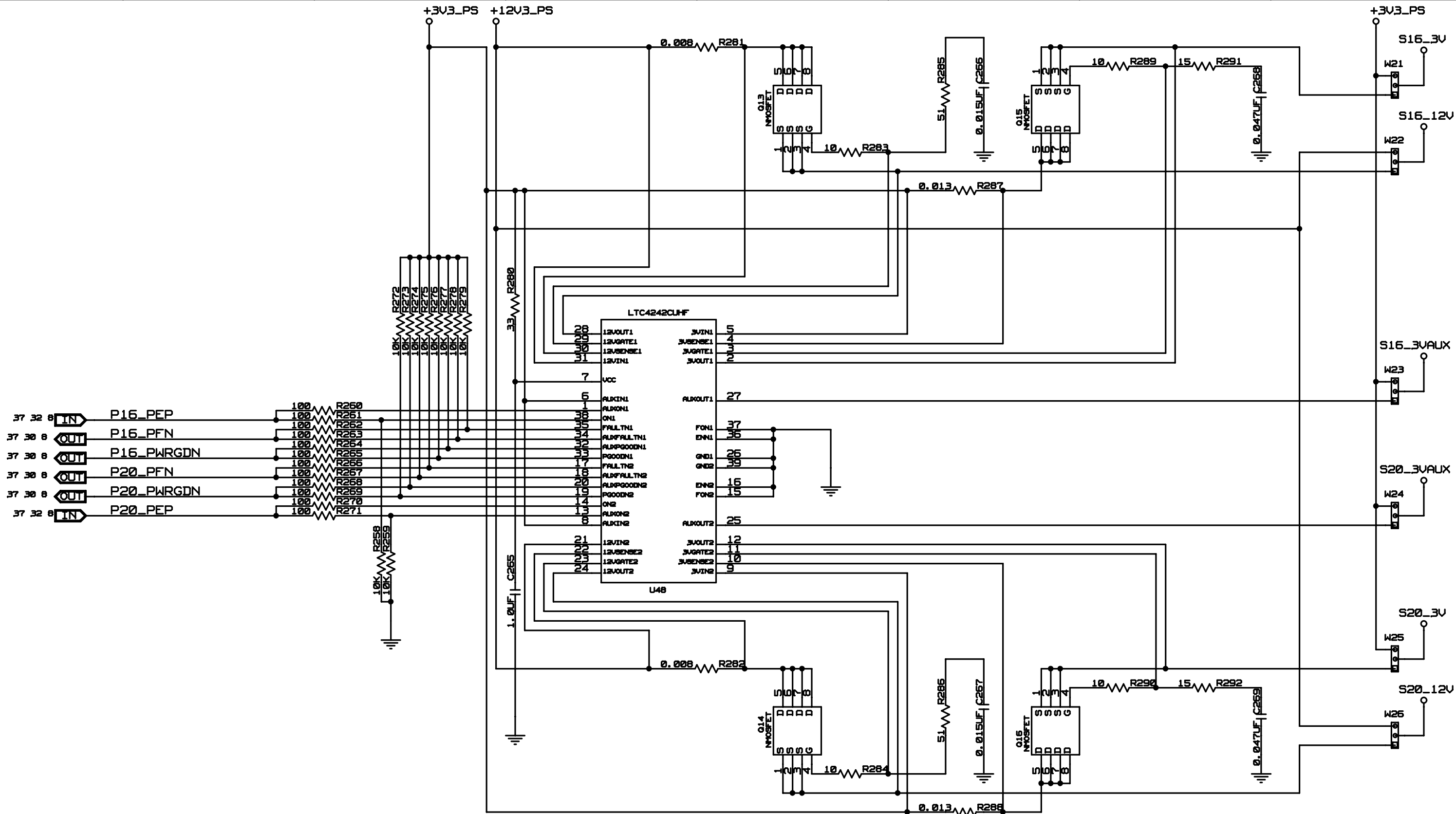
C

B

B

A

A



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19

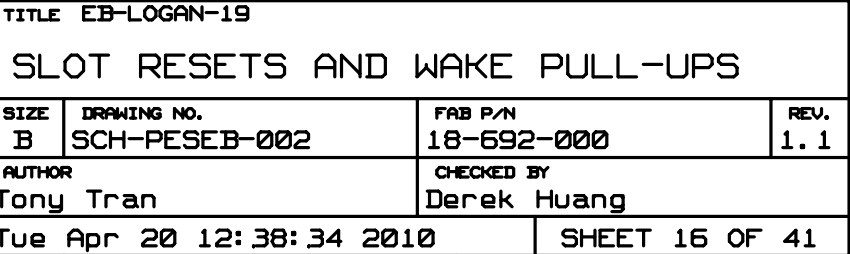
HOT PLUG CONTROL PORTS 16-20

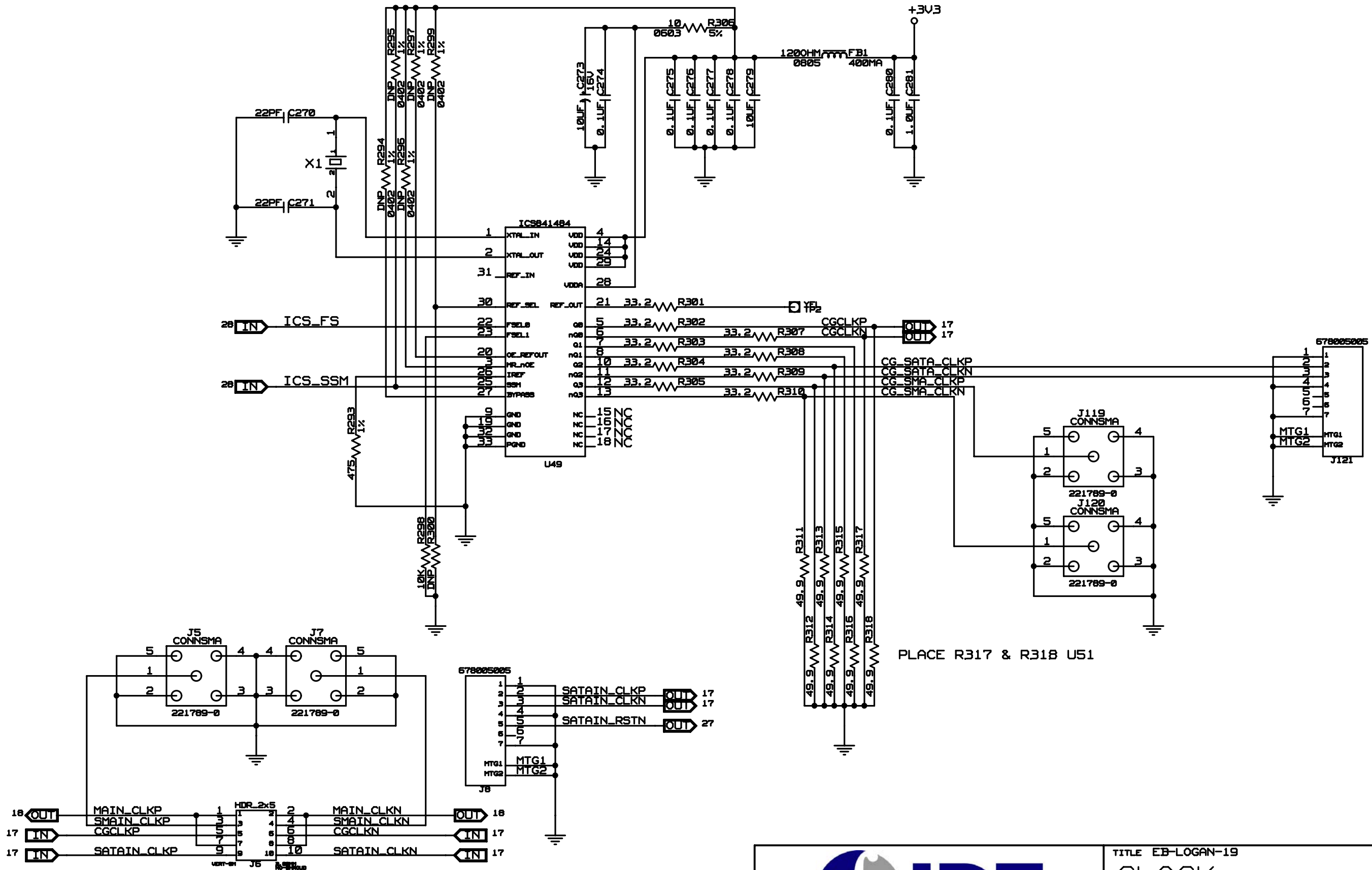
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
-----------	------------------------------	-----------------------	-------------

AUTHOR Tony Tran	CHECKED BY Derek Huang
---------------------	---------------------------

Tue Apr 20 12:38:21 2010

SHEET 15 OF 41





CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19

CLOCK

SIZE
B

DRAWING NO.
SCH-PESEB-002

FAB P/N
18-692-000

REV.
1.1

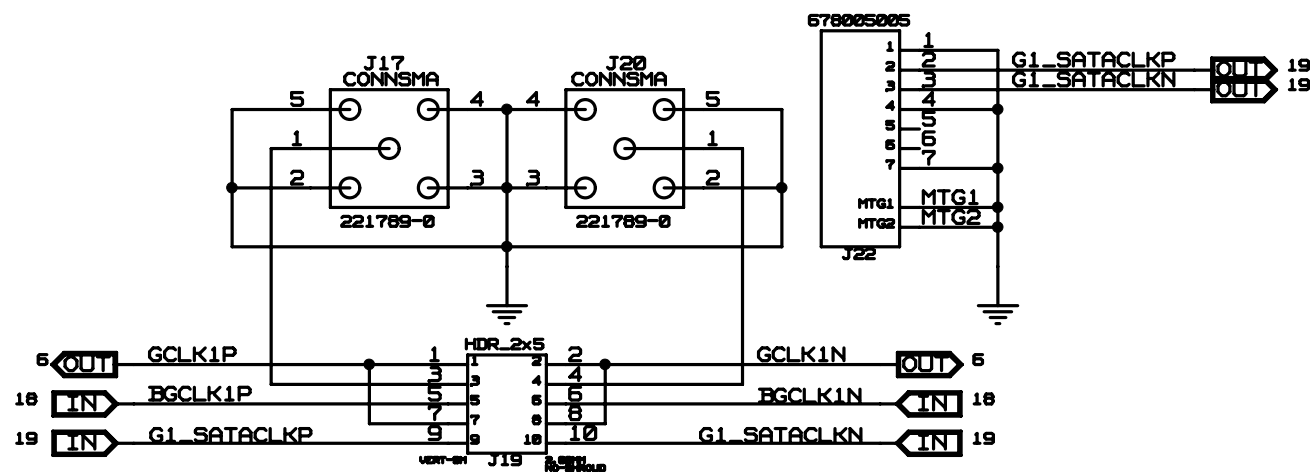
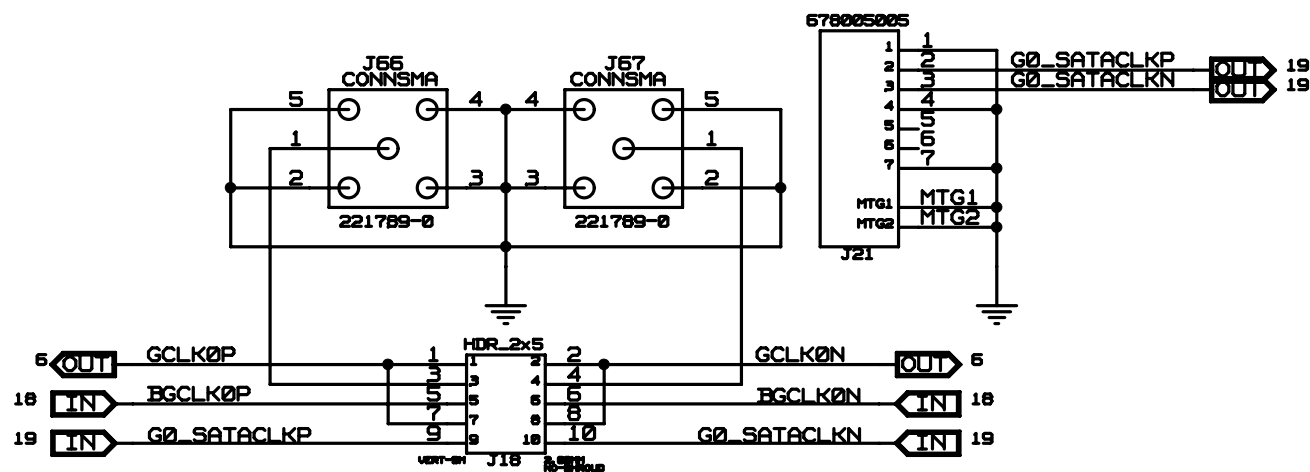
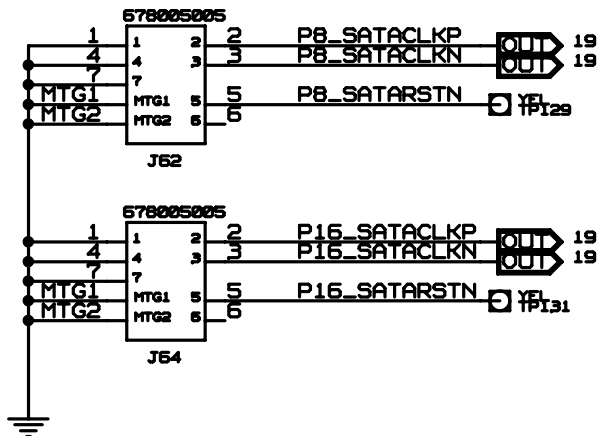
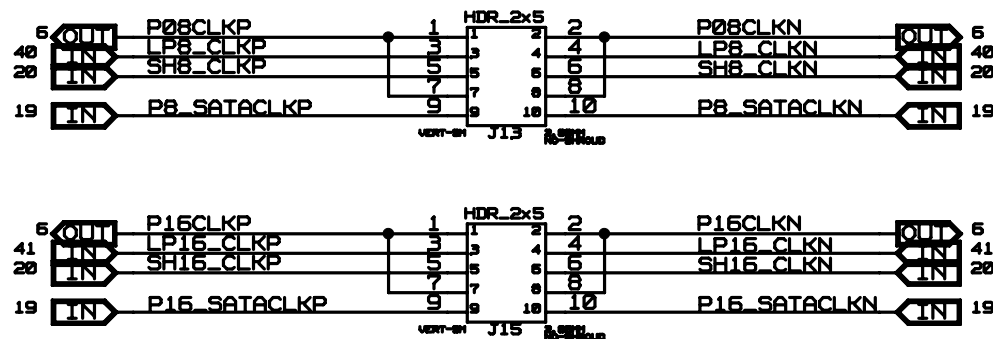
AUTHOR
Tony Tran

CHECKED BY
Derek Huang

Tue Apr 20 12:38:21 2010

SHEET 17 OF 41

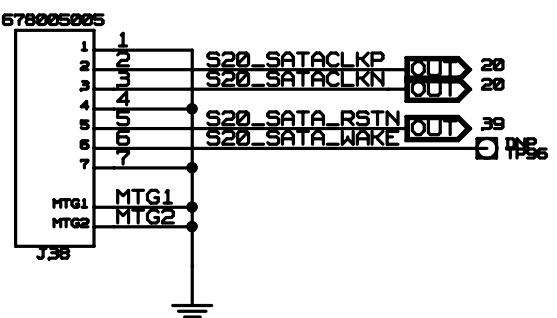
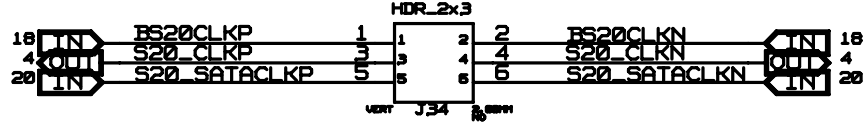
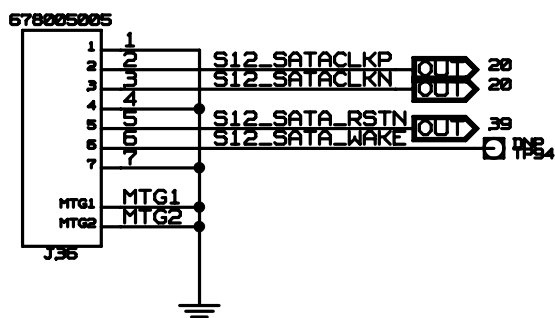
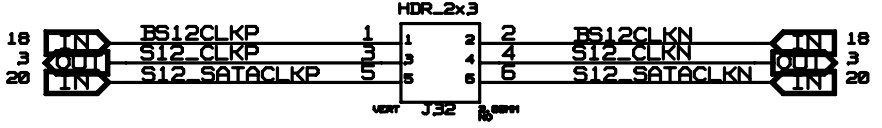
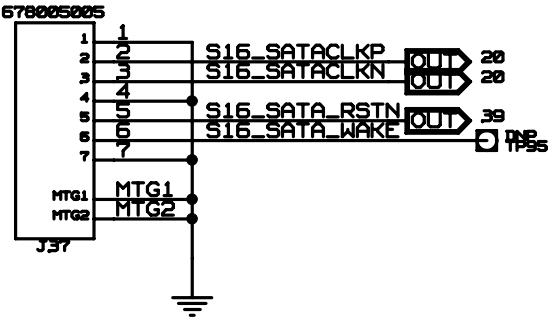
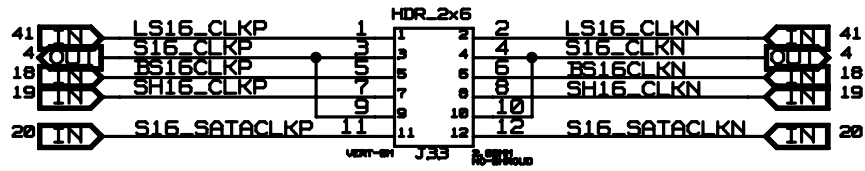
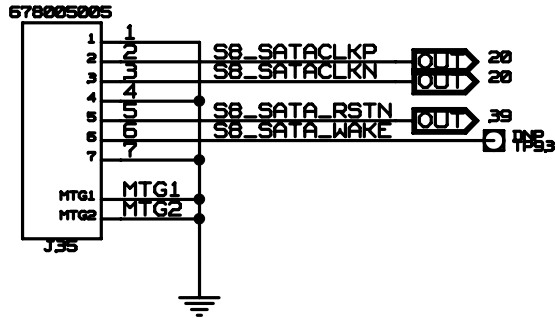
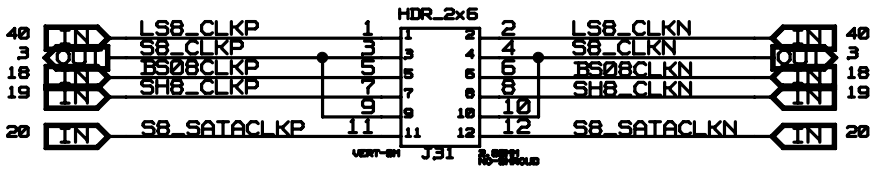
PXXCLK - DUT CLK
LPXXCLK - LOCAL CLOCK GEN. PORT CLK
SHXXCLK - SLOT HDR. CLK



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

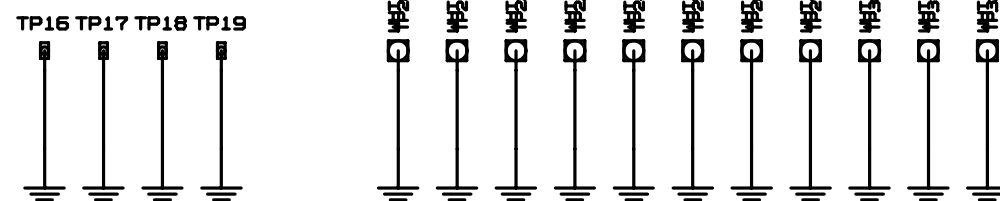
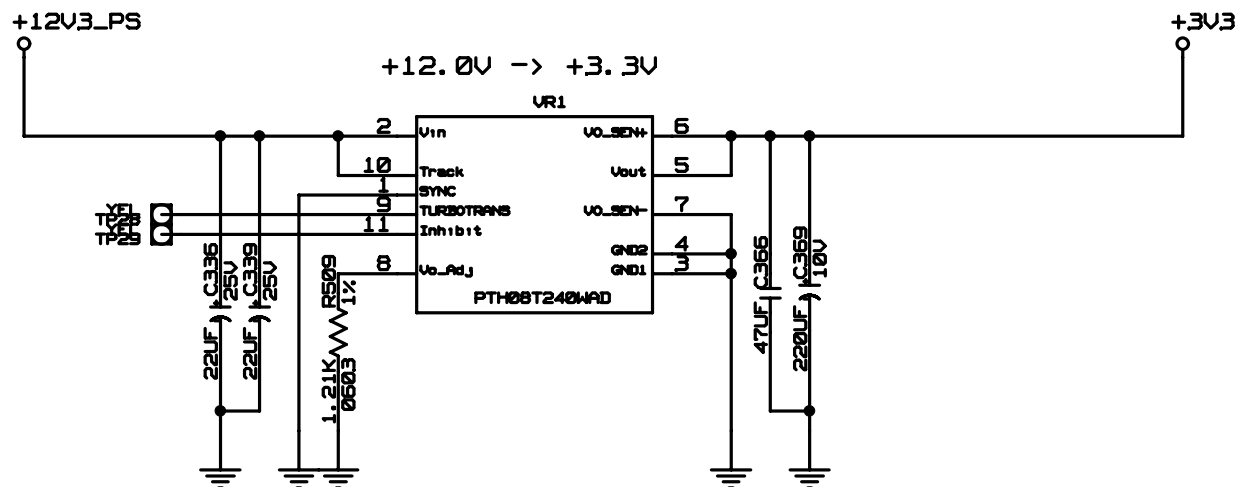
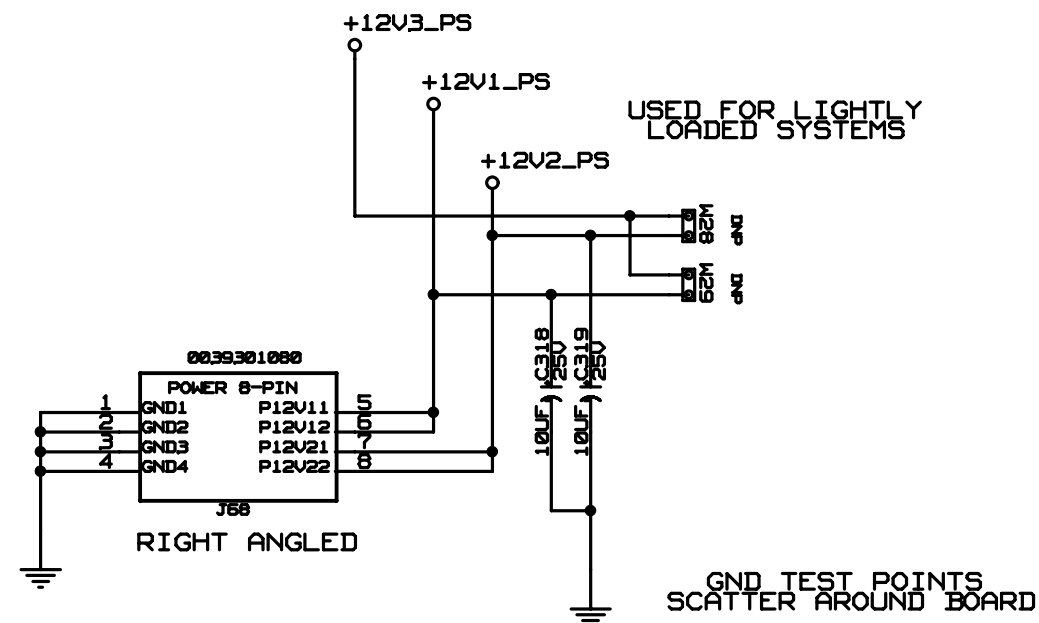
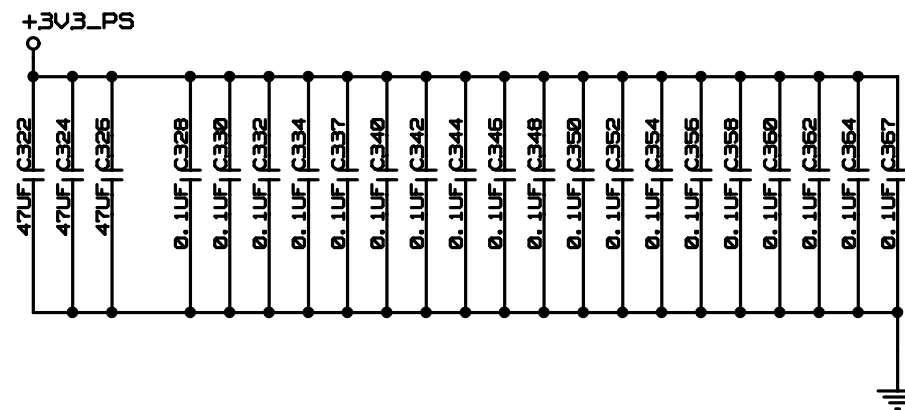
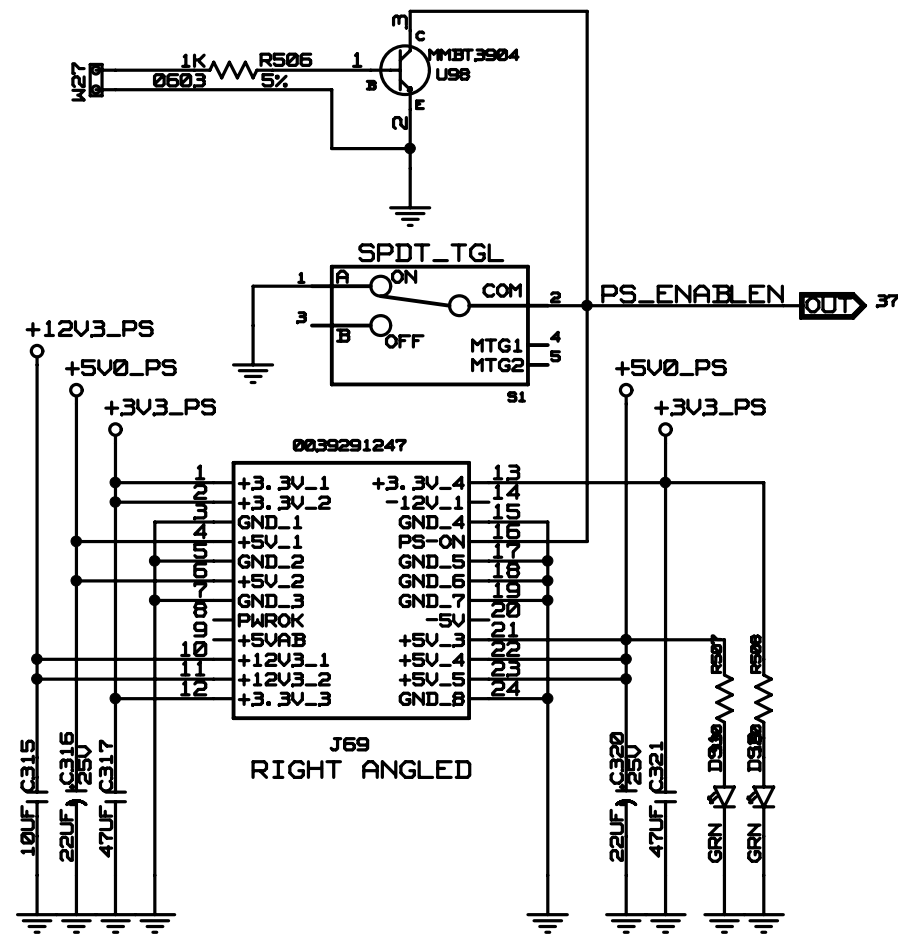
TITLE EB-LOGAN-19			
CLOCK SELECTOR DUT PCLK 8 & 16			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:22 2010			SHEET 19 OF 41

SXXCLK - SLOT CLK
BSXXCLK - BUFFER SLOT CLK
LSXXCLK - LOCAL CLOCK GEN. SLOT CLK
SHXXCLK - SLOT HDR. CLK



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
CLOCK SELECTOR SLOTS 8-20			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:34 2010			SHEET 20 OF 41



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE	EB-LOGAN-19
-------	-------------

POWER CONNECTORS

SIZE	DRAWING NO.
B	SCH-PESEB-002

FAB P/N
18-692-000

REV.
1. 1

AUTHOR	Tony Tran
--------	-----------

CHECKED BY Derek Huang

Tue Apr 20 12:38:22 2010

SHEET 21 OF 41

MARG1	MARG0	MODE
LOW	LOW	NO MARGIN
LOW	HIGH	MARGIN UP
HIGH	LOW	MARGIN DOWN
HIGH	HIGH	NO MARGIN

S6 SM_SW6		
12	PS_CORE_MARG0	
11	PS_CORE_MARG1	
10	PS_CORE_CTRL3	
9	PS_CORE_CTRL2	
8	PS_CORE_CTRL1	
7	PS_CORE_CTRL0	

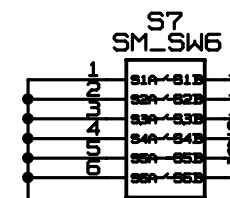
MARGINING CONTROL



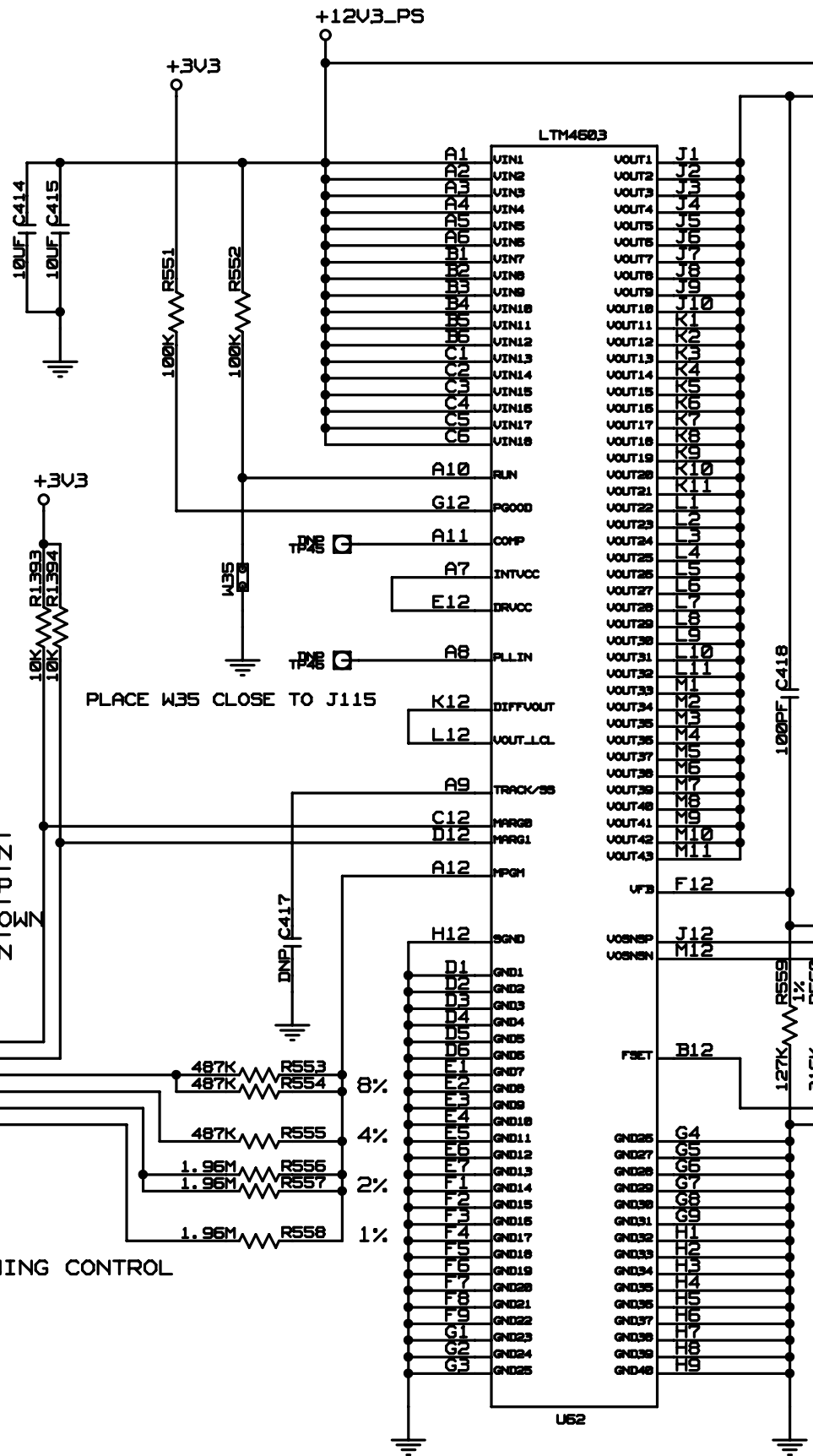
CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
POWER REGULATOR - VDDCORE			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:23 2010			SHEET 23 OF 41

MARG1	MARG0	MODE
LOW	LOW	NO MARGIN
LOW	HIGH	MARGIN UP
HIGH	LOW	MARGIN DOWN
HIGH	HIGH	NO MARGIN



MARGINING CONTROL



ROUTE AS POWER NET OR ISLAND

PLACE R562 & R563 CLOSE TO U60, NOISE-FREE ROUTING
PLACE R564 & R565 CLOSE TO U1, NOISE-FREE ROUTING

VDD_PEA, 1.0V

CONN BANANA
RED



+1V0_PEA



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
POWER REGULATOR - VDDPEA			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:24 2010			SHEET 24 OF 41

MARG1	MARG0	MODE
LOW	LOW	NO MARGIN
LOW	HIGH	MARGIN UP
HIGH	LOW	MARGIN DOWN
HIGH	HIGH	NO MARGIN

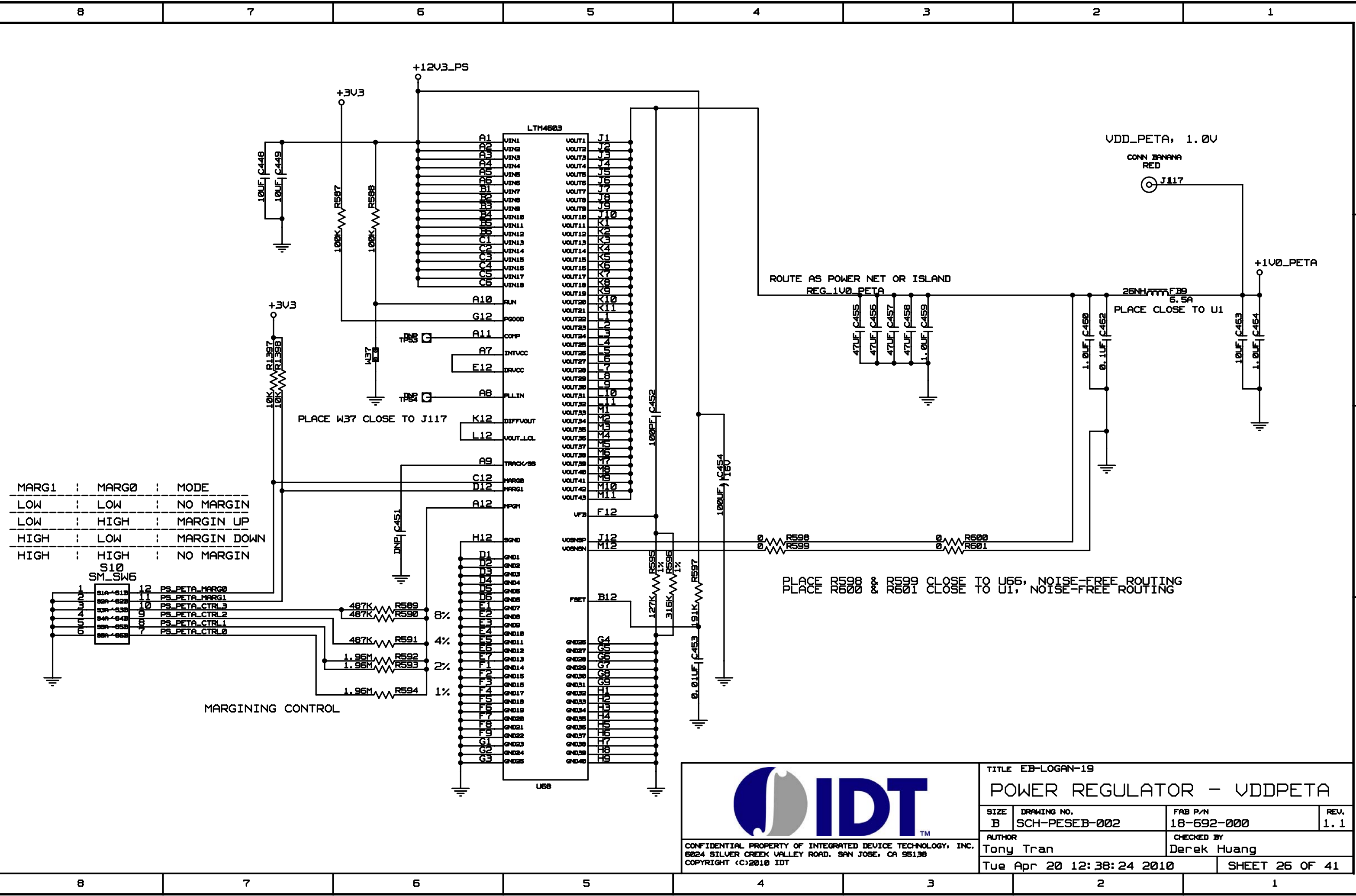
S8	SM_SW6	PS_PEHMARG0
S1A~S1D	12	PS_PEHMARG0
S2A~S2D	11	PS_PEHMARG1
S3A~S3D	10	PS_PEHMARG2
S4A~S4D	9	PS_PEHMARG3
S5A~S5D	8	PS_PEHMARG4
S6A~S6D	7	PS_PEHMARG5

MARGINING CONTROL



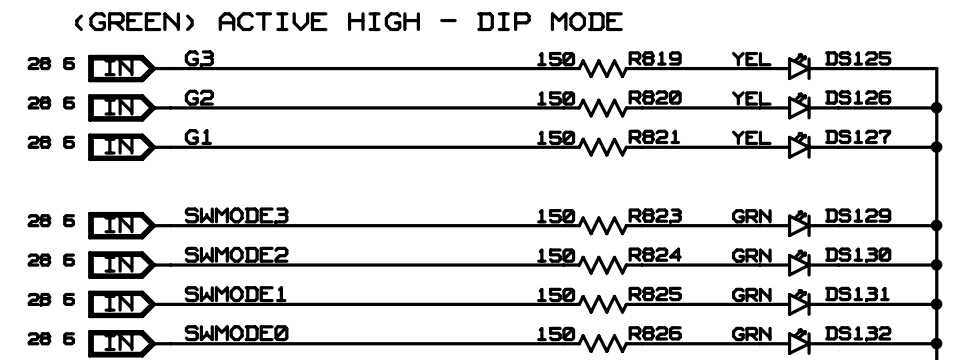
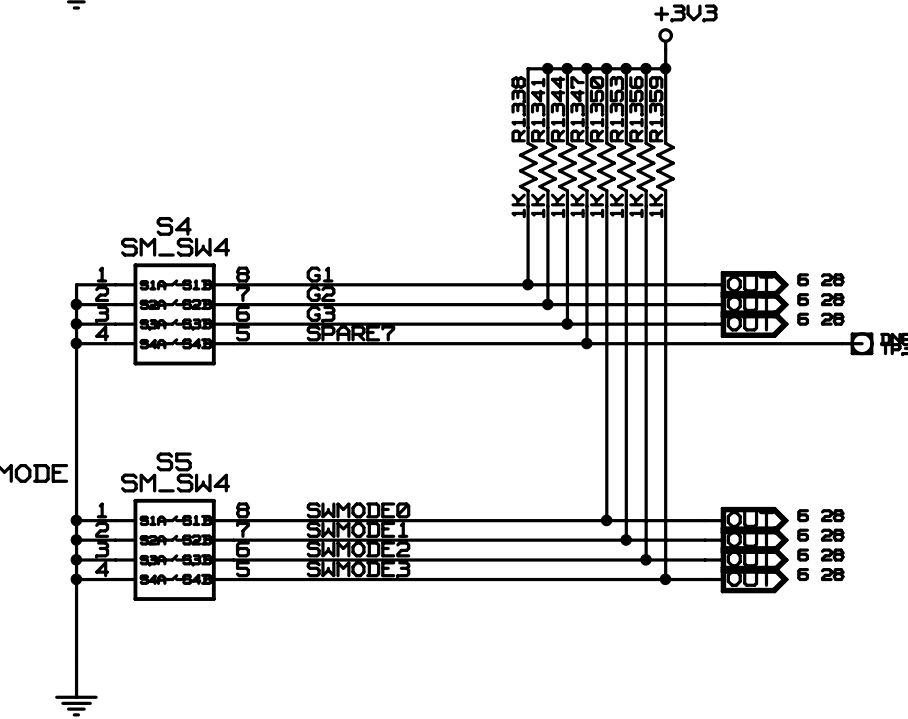
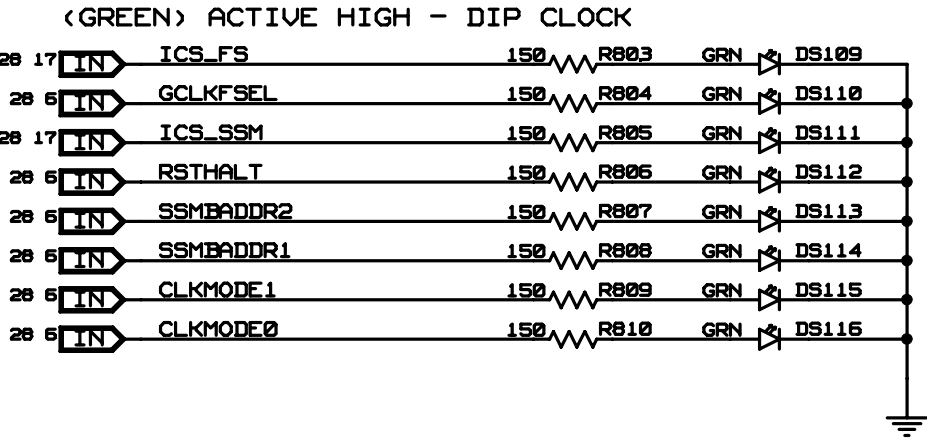
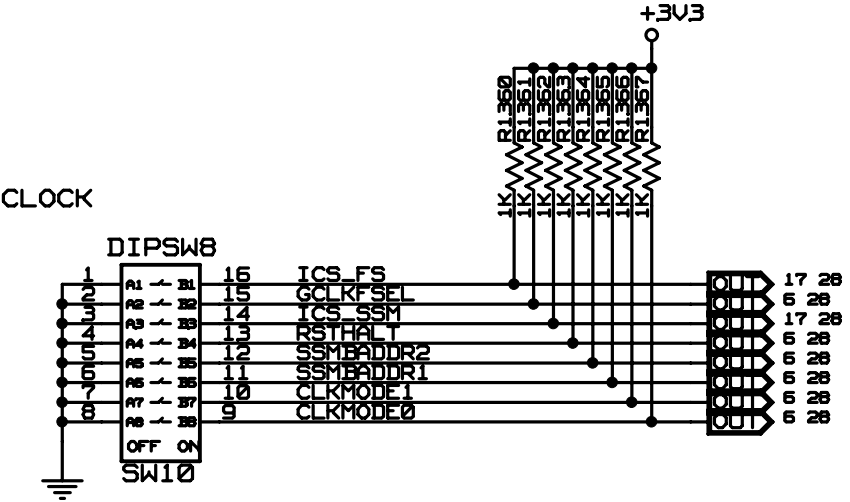
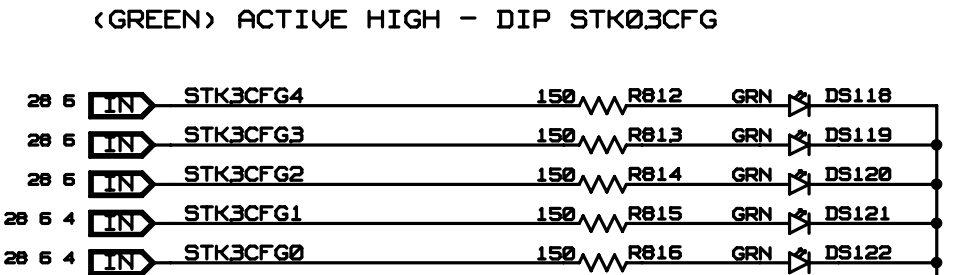
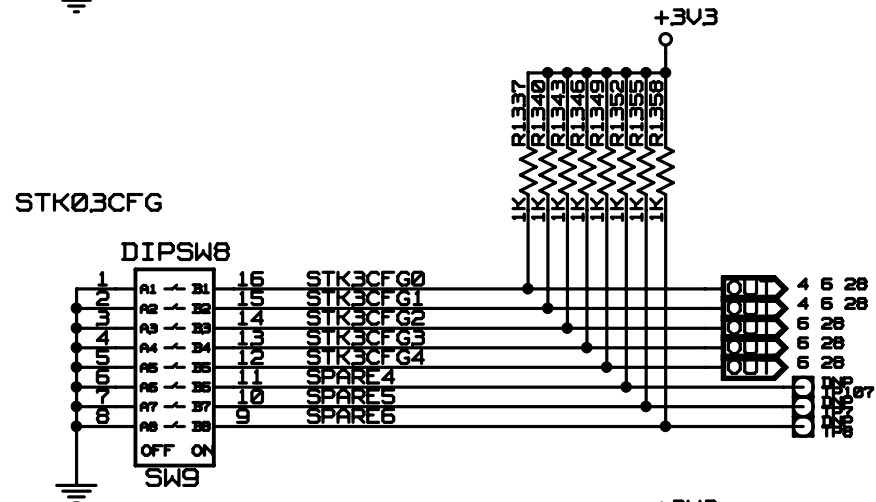
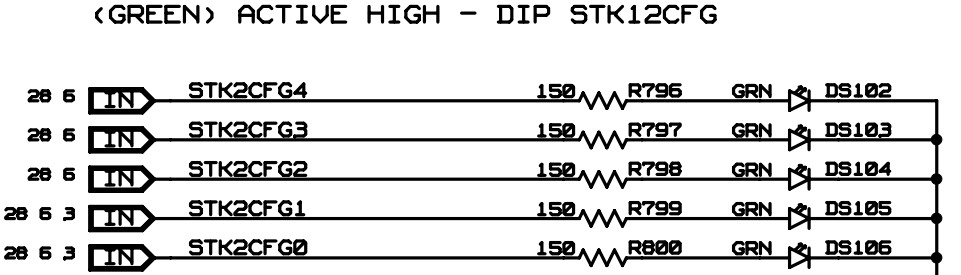
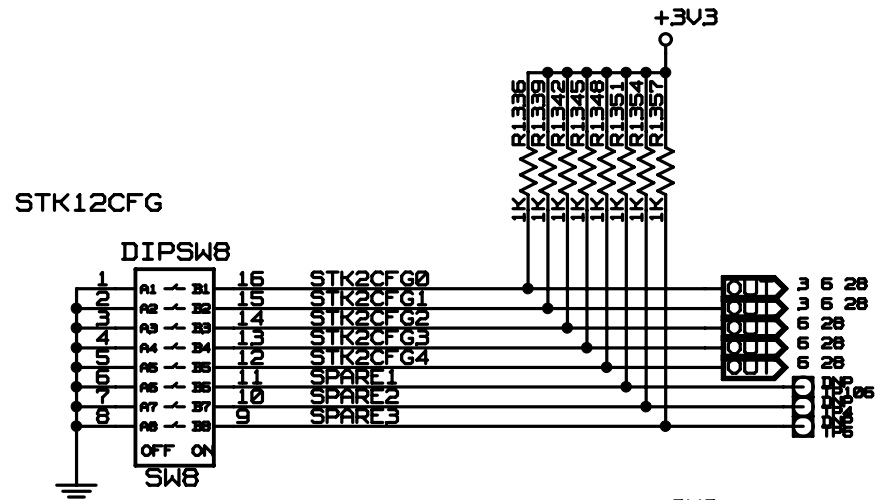
TITLE EB-LOGAN-19			
POWER REGULATOR - VDDPEHA			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:24 2010			SHEET 25 OF 41

CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
POWER REGULATOR - VDDPETA			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:24 2010			SHEET 26 OF 41

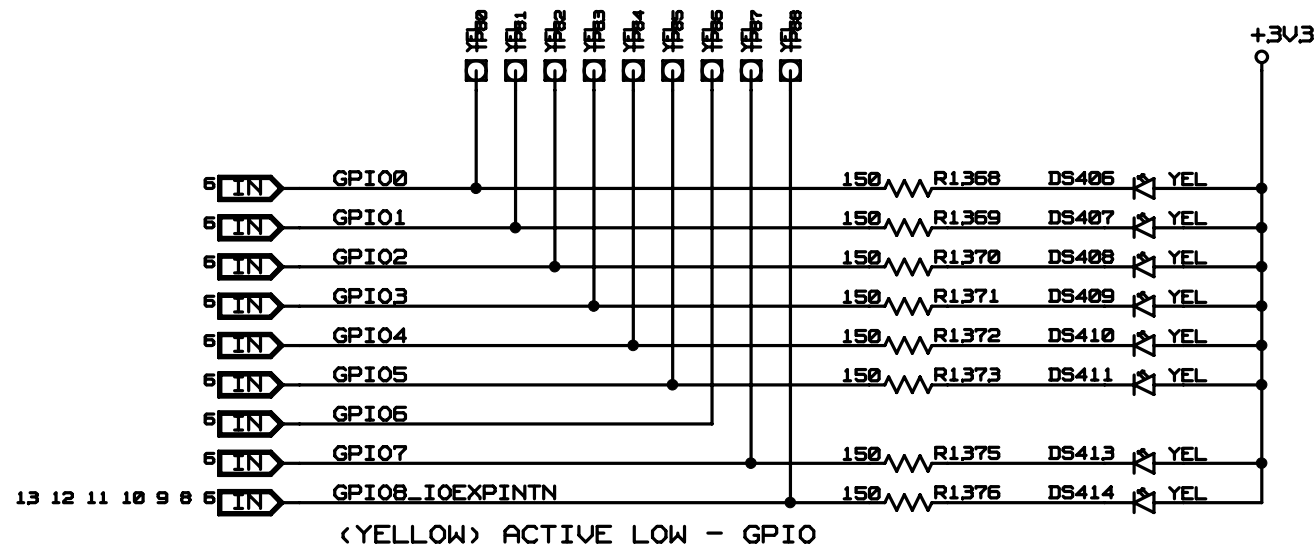




CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

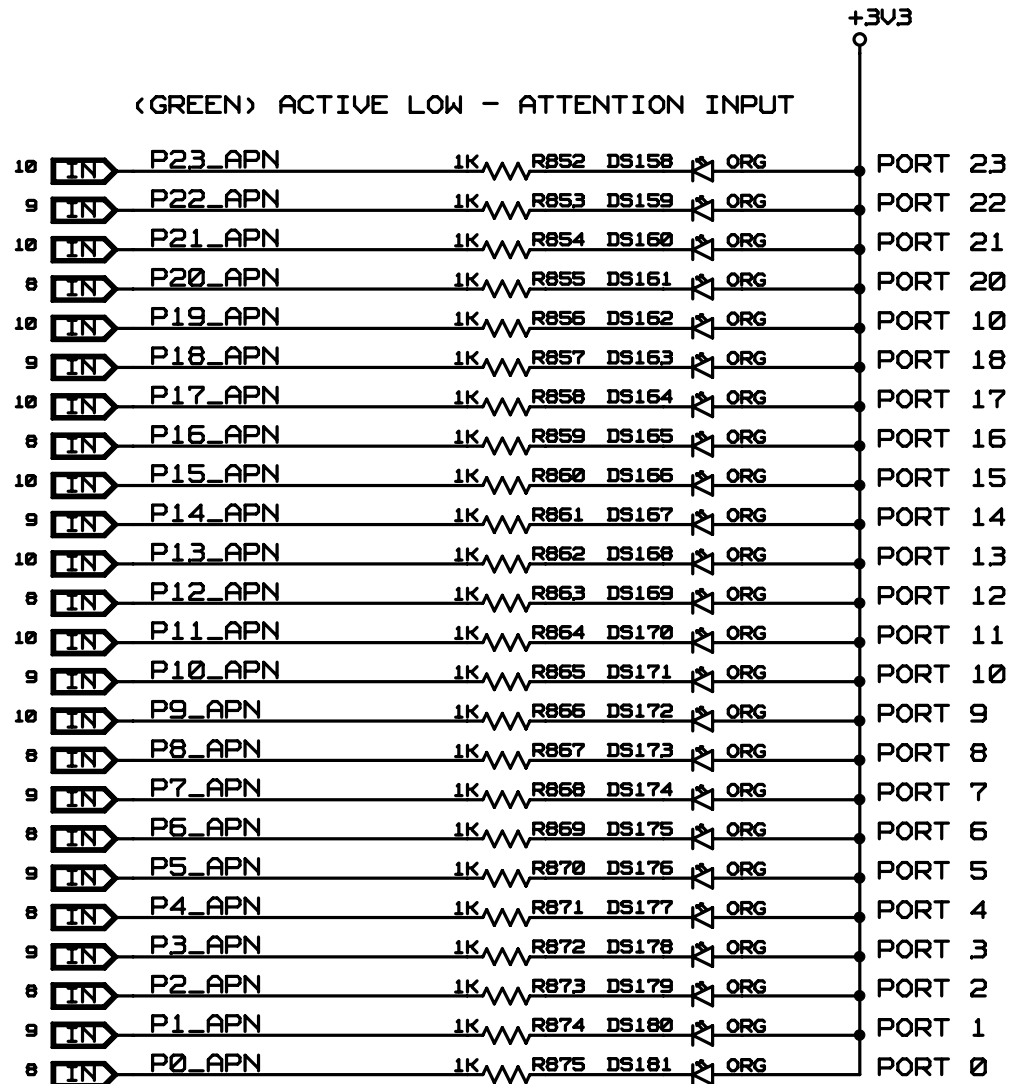
TITLE EB-LOGAN-19
DIP SWITCHES

SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:26 2010			SHEET 28 OF 41

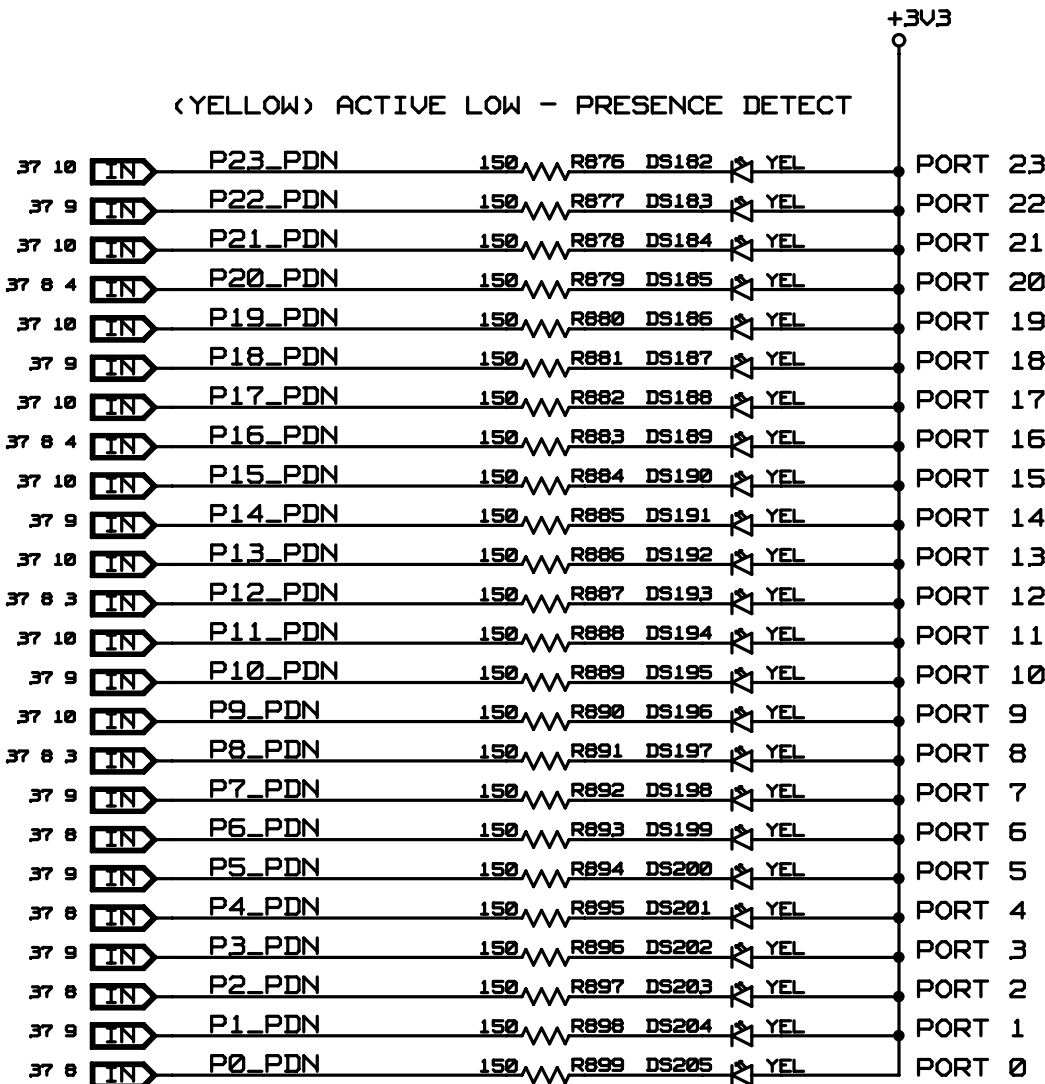


GPIO	ALT0	ALT1
0	PART0PERSTN	P16LINKUPN
1	PART1PERSTN	P16ACTIVEN
2	PART2PERSTN	P4LINKUPN
3	PART3PERSTN	P4ACTIVEN
4	FAILOVER0	P0LINKUPN
5	GPEN	P0ACTIVEN
7	FAILOVER2	P8LINKUPN
8	IOEXPINTN	P8ACTIVEN

<YELLOW> ACTIVE LOW - GPIO



<GREEN> ACTIVE LOW - ATTENTION INPUT

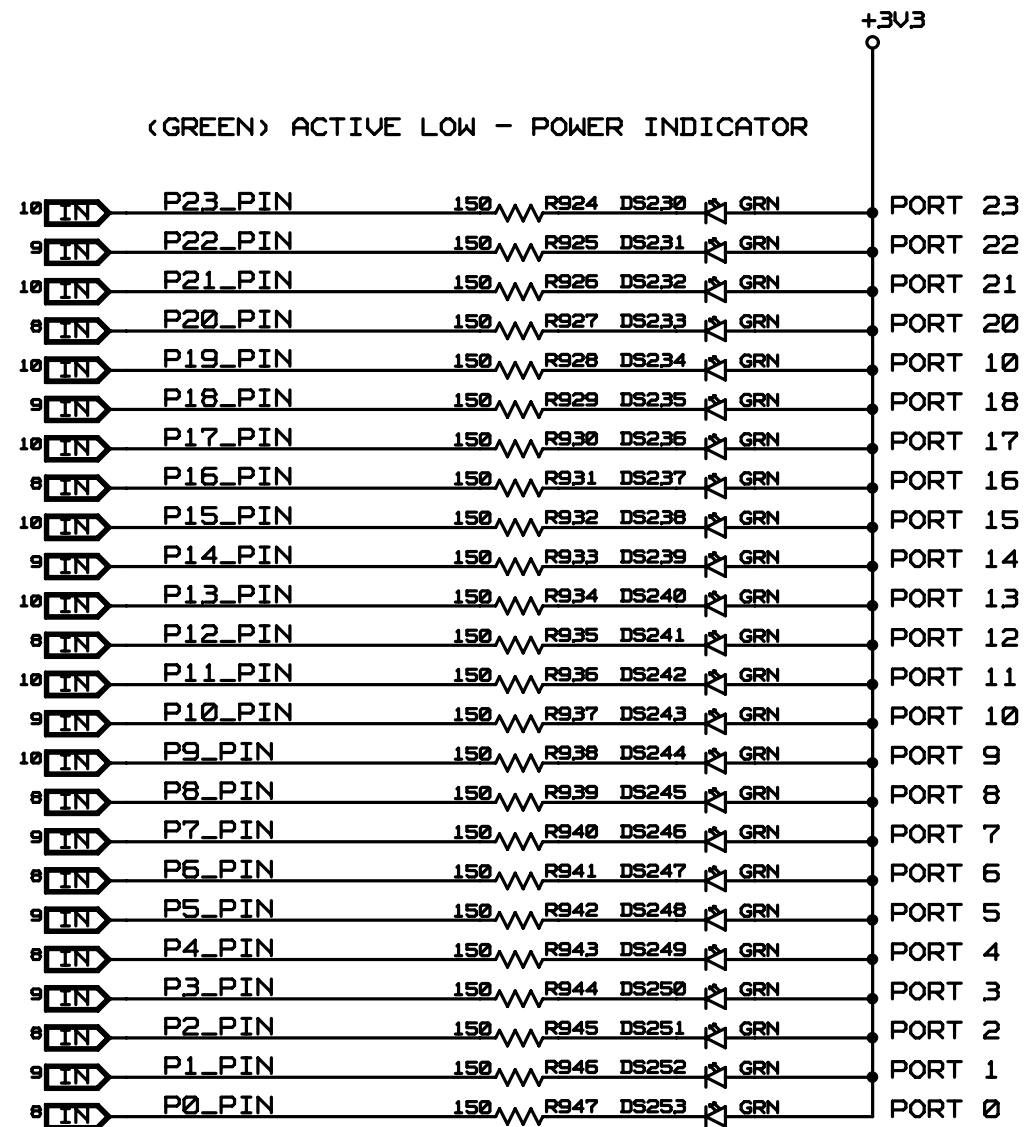
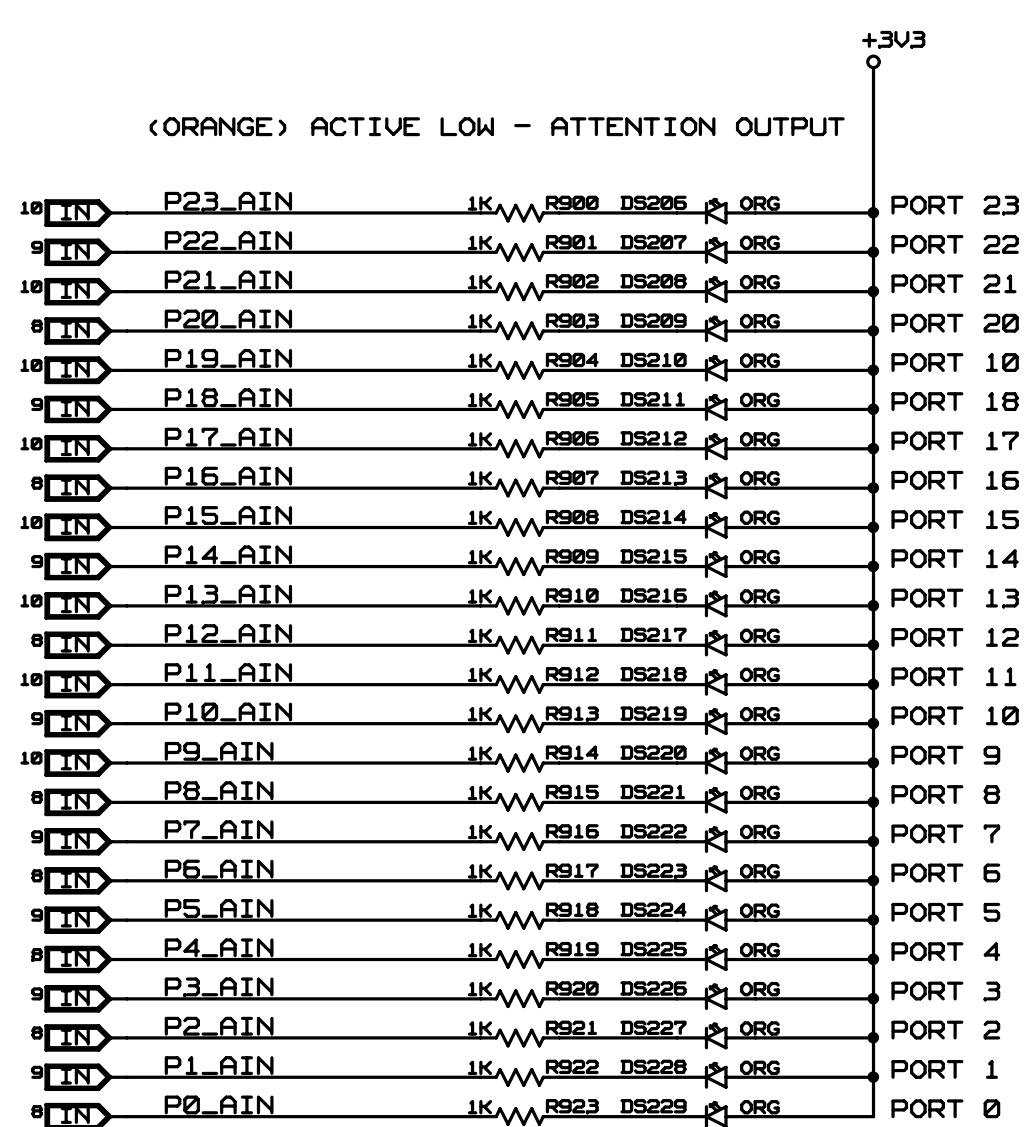


<YELLOW> ACTIVE LOW - PRESENCE DETECT



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
LED - PORT STATUS <1 OF 7>			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:26 2010			SHEET 29 OF 41



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19

LED - PORT STATUS (3 OF 7)

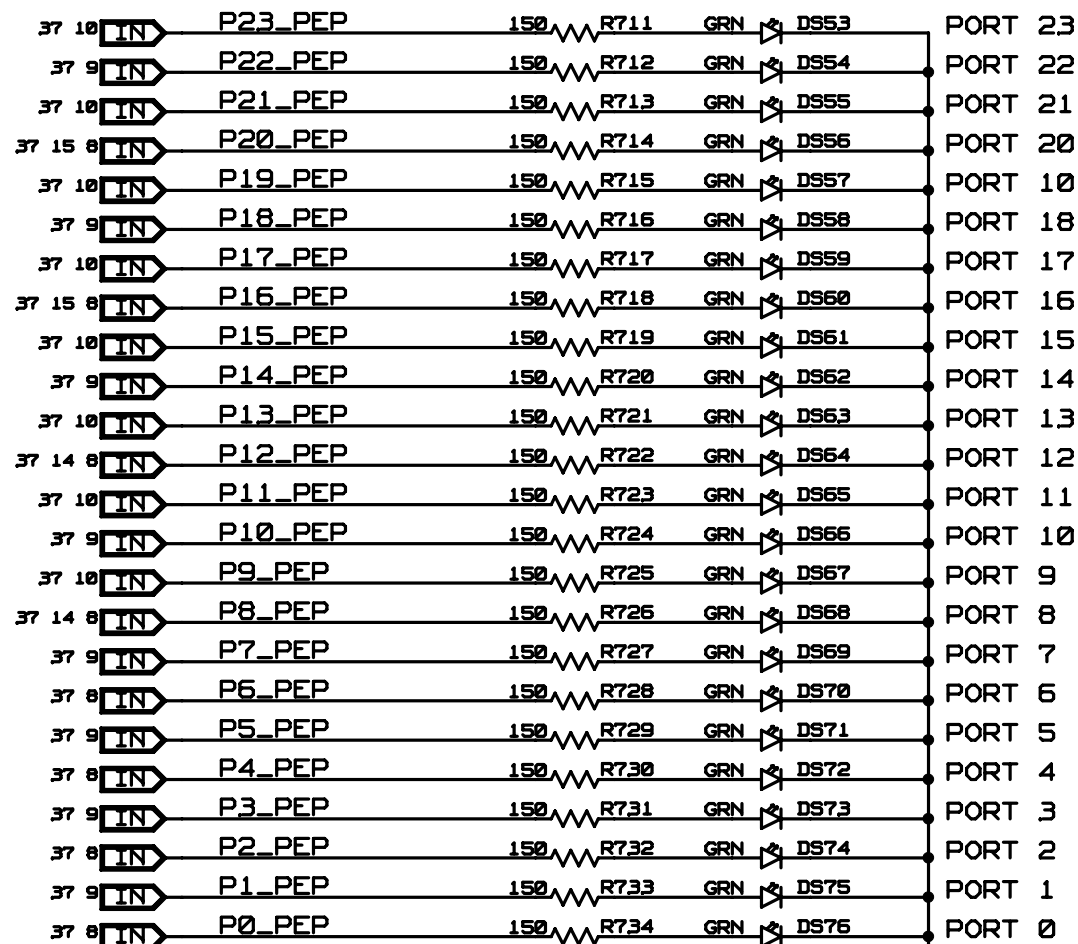
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
-----------	------------------------------	-----------------------	-------------

AUTHOR Tony Tran	CHECKED BY Derek Huang
---------------------	---------------------------

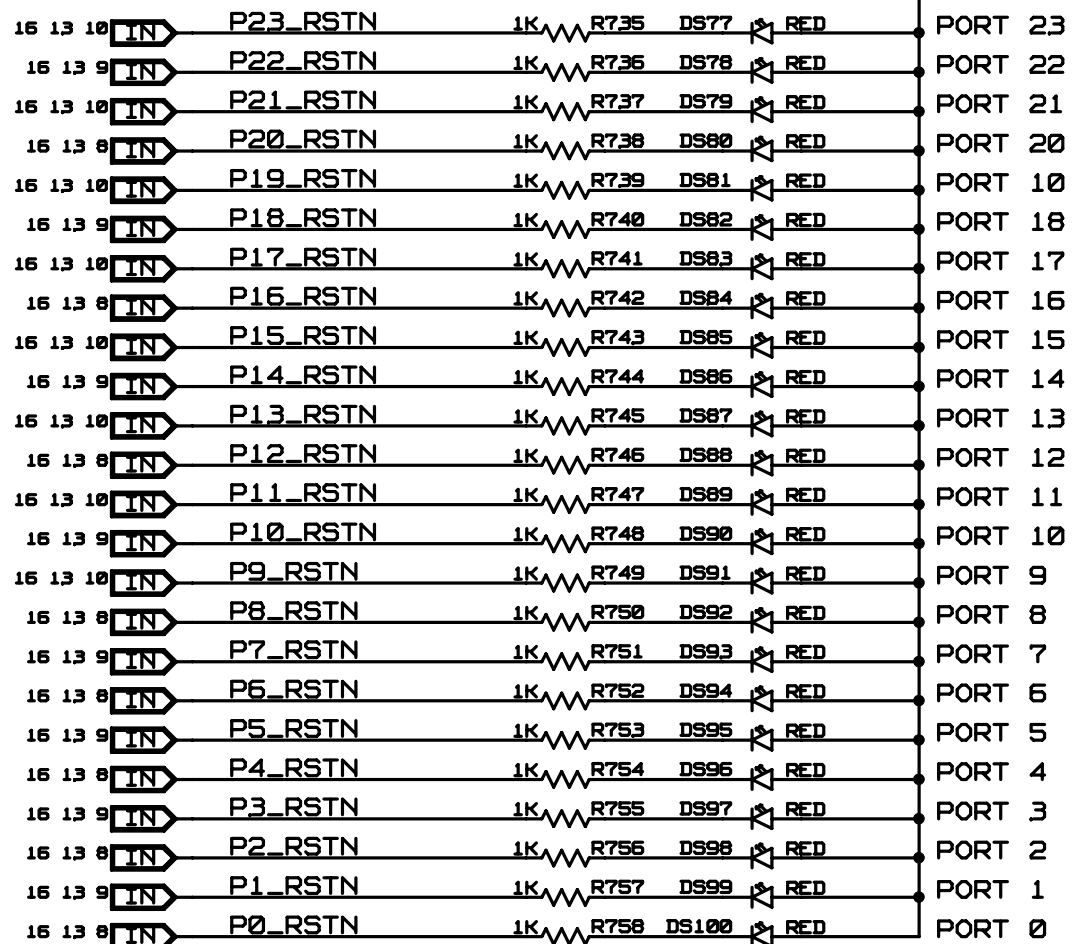
Tue Apr 20 12:38:27 2010

SHEET 31 OF 41

(GREEN) ACTIVE HIGH - POWER ENABLE



(RED) ACTIVE LOW - HP SLOT RST



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

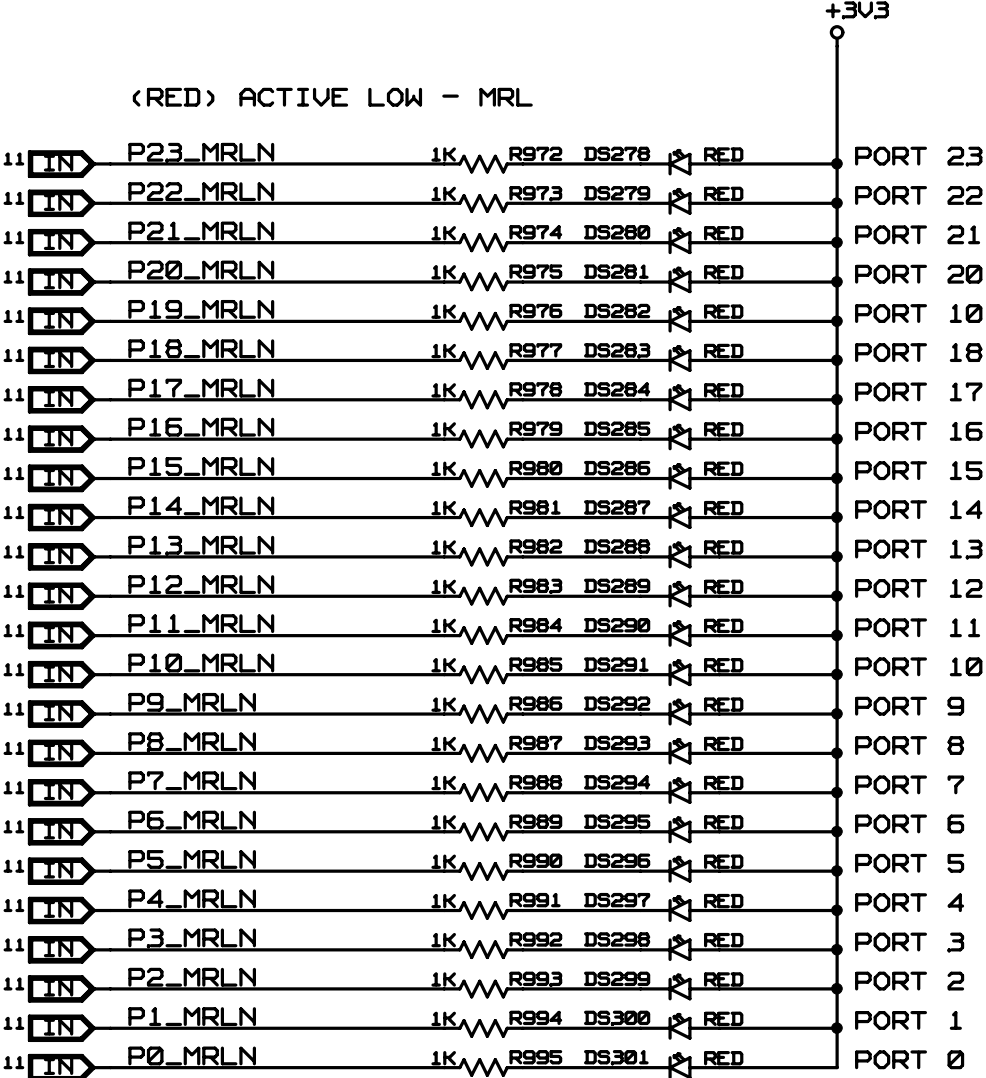
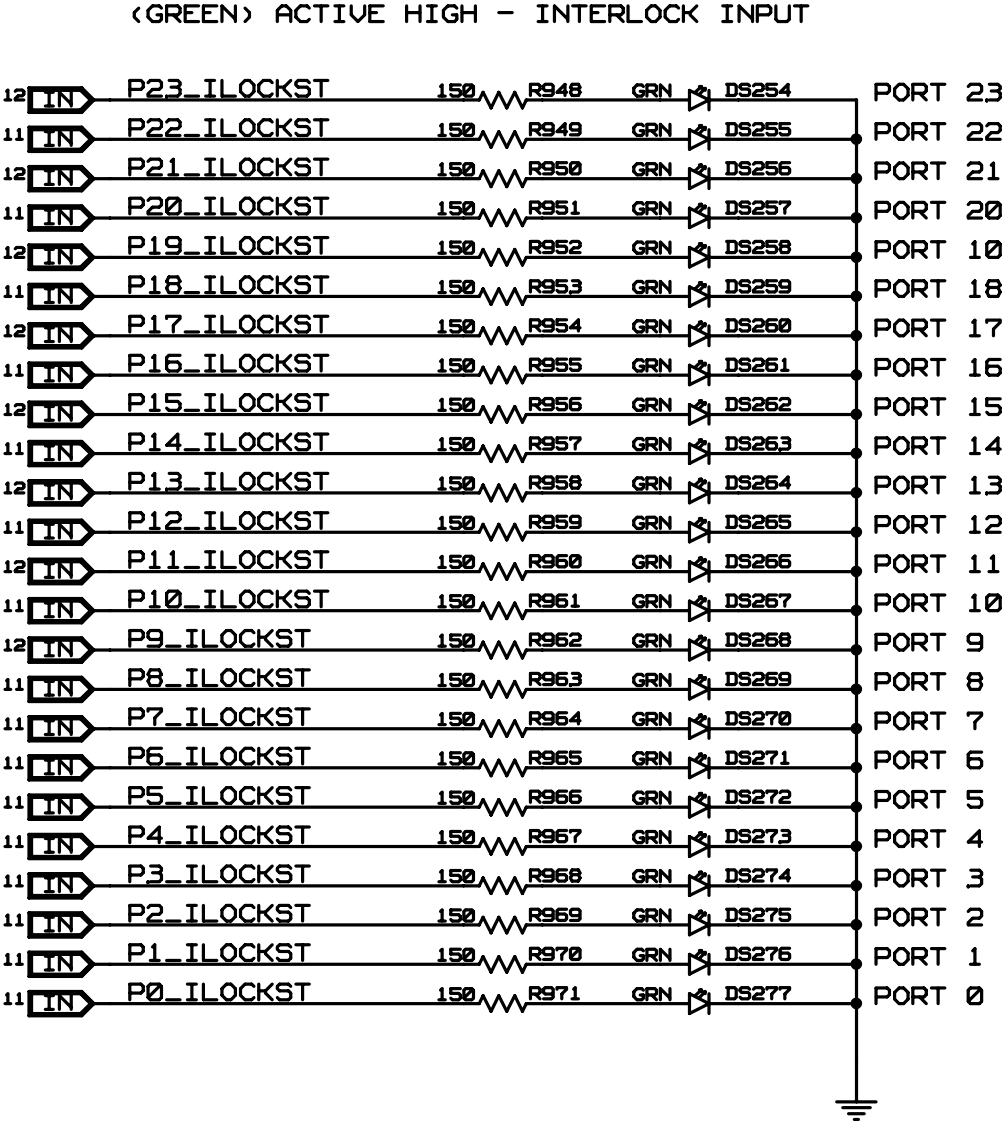
TITLE EB-LOGAN-19

LED - PORT STATUS (4 OF 7)

SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
-----------	------------------------------	-----------------------	-------------

AUTHOR Tony Tran	CHECKED BY Derek Huang
---------------------	---------------------------

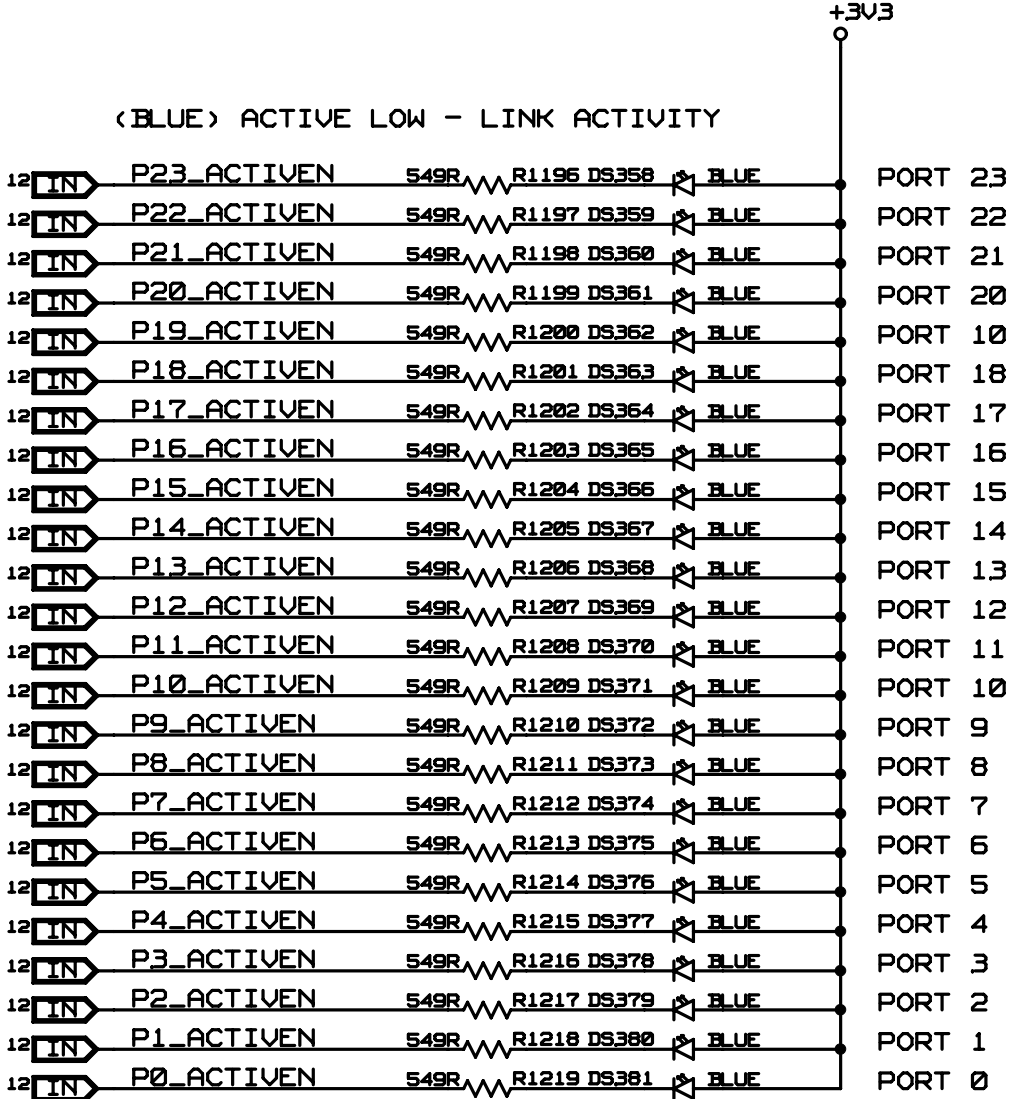
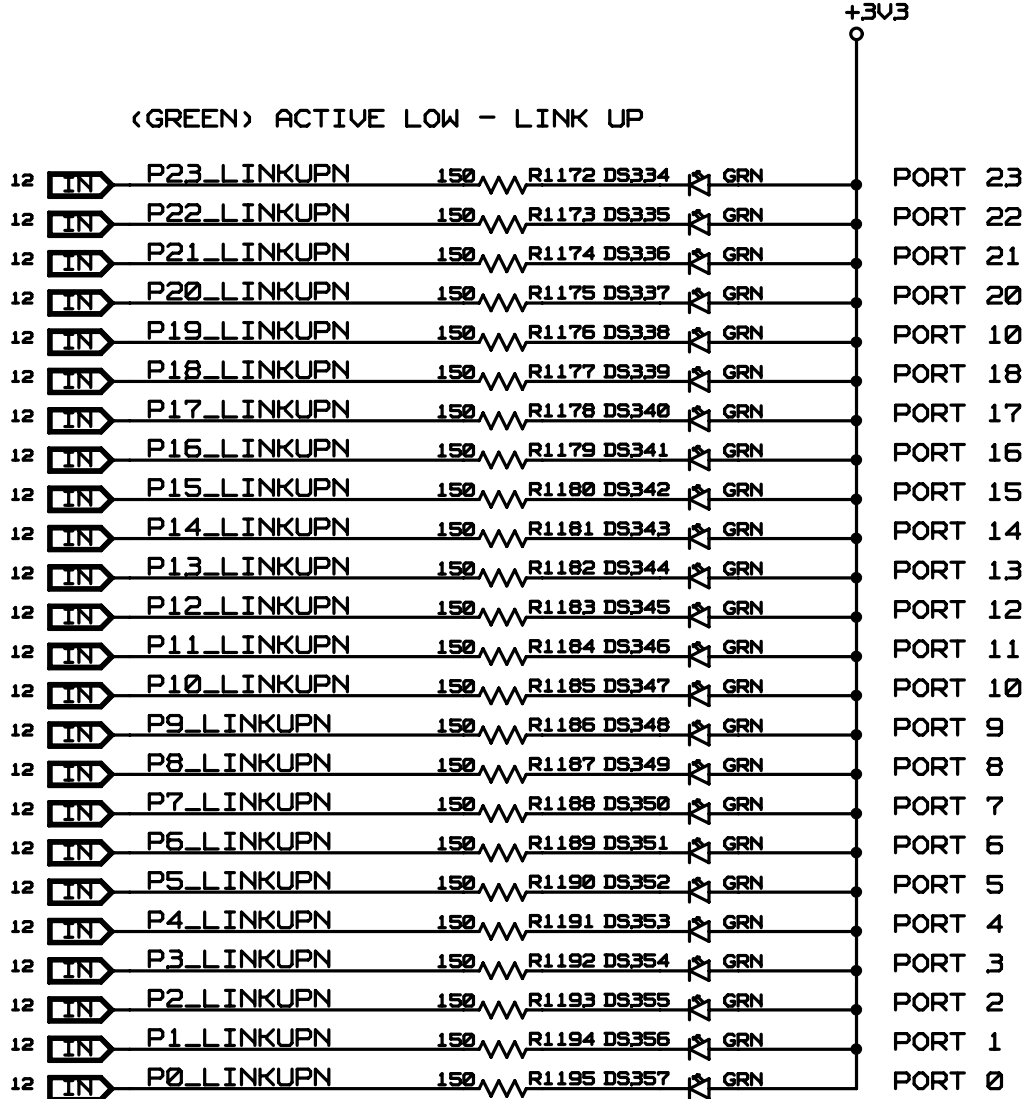
Tue Apr 20 12:38:28 2010	SHEET 32 OF 41
--------------------------	----------------





CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
LED - PORT STATUS (5 OF 7)			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:28 2010			SHEET 33 OF 41

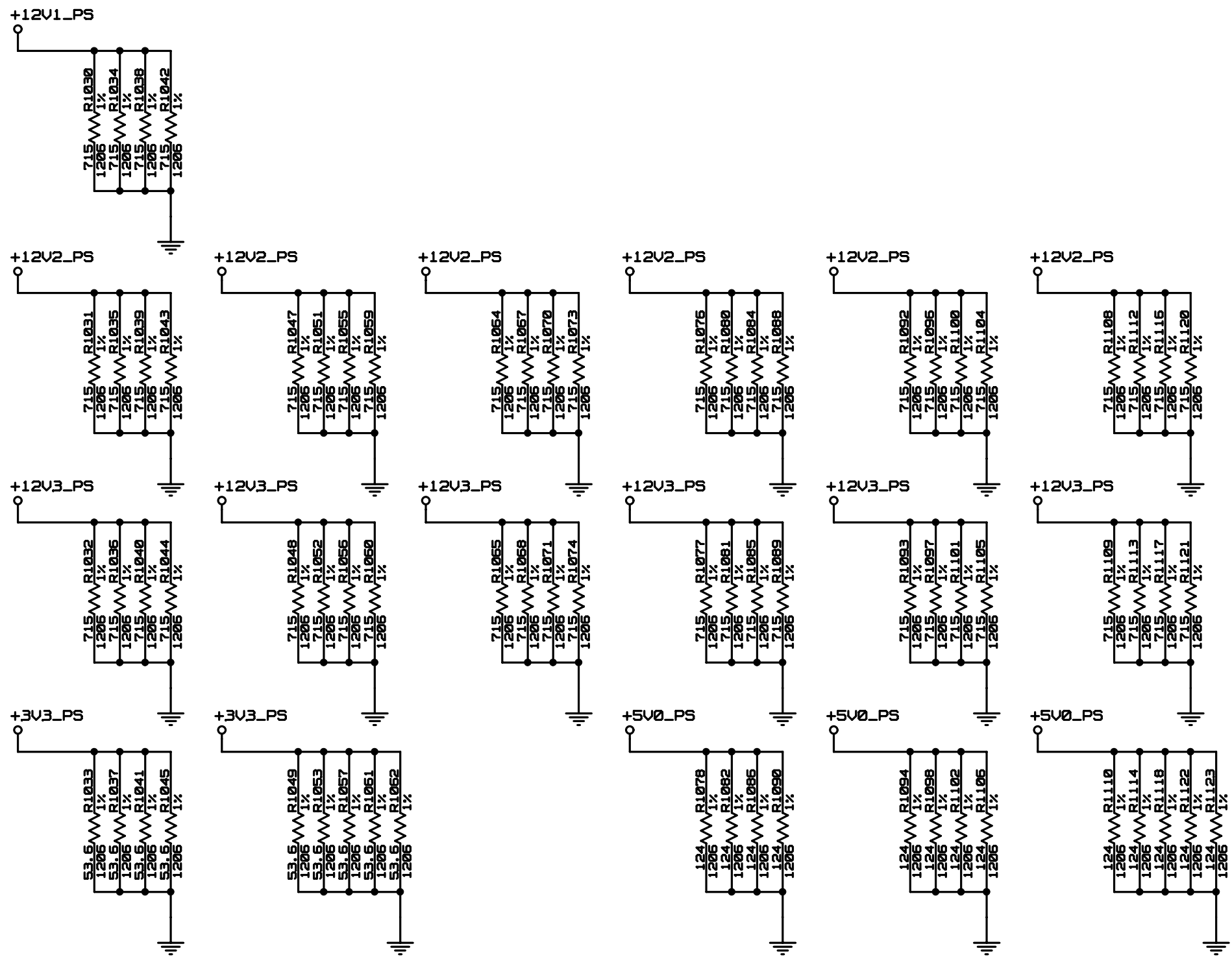




CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

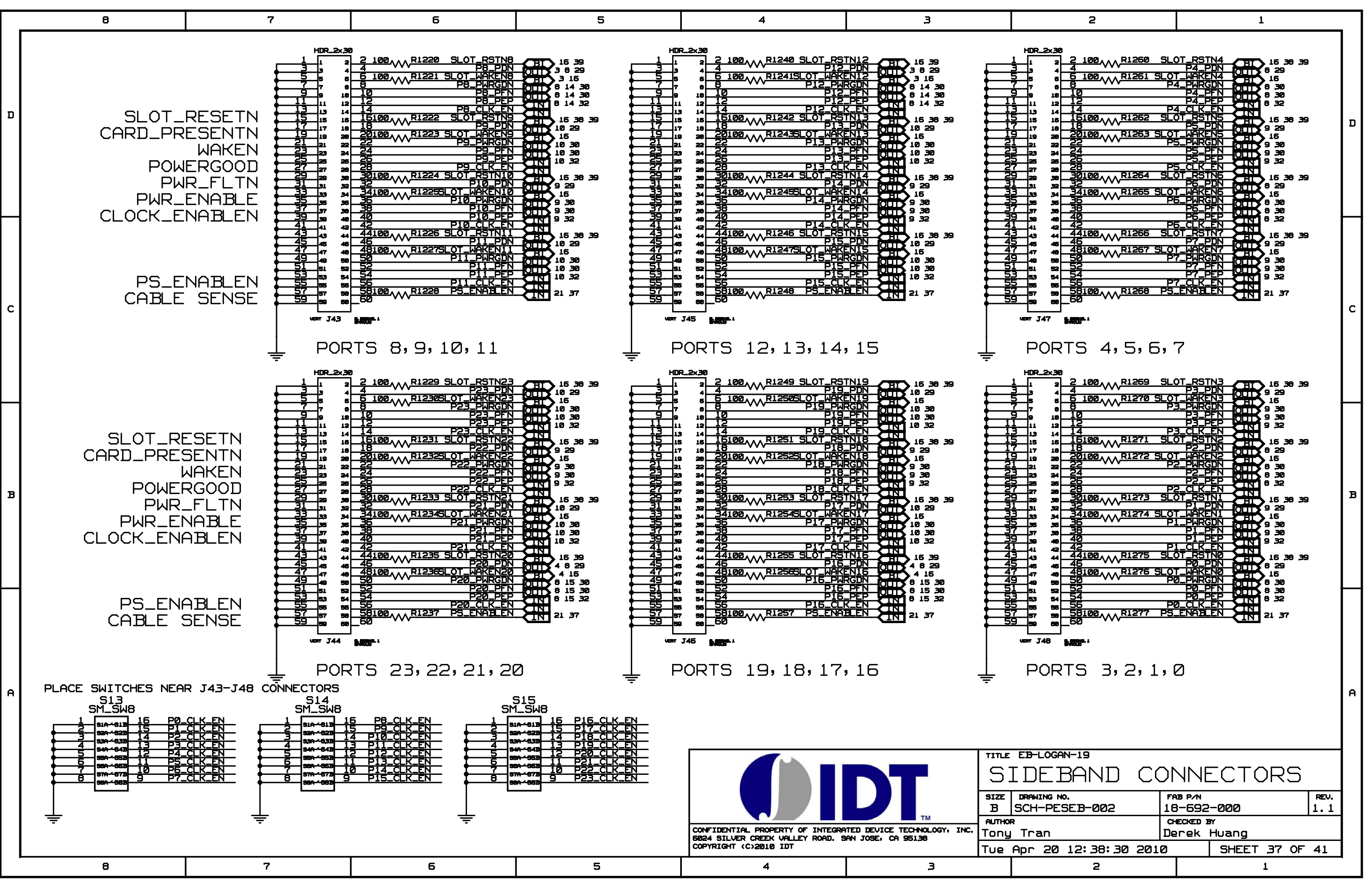
TITLE EB-LOGAN-19			
LED - PORT STATUS (7 OF 7)			
SIZE	DRAWING NO.	FAB P/N	REV.
B	SCH-PESEB-002	18-692-000	1.1
AUTHOR		CHECKED BY	
Tony Tran		Derek Huang	
Tue Apr 20 12:38:29 2010			SHEET 35 OF 41

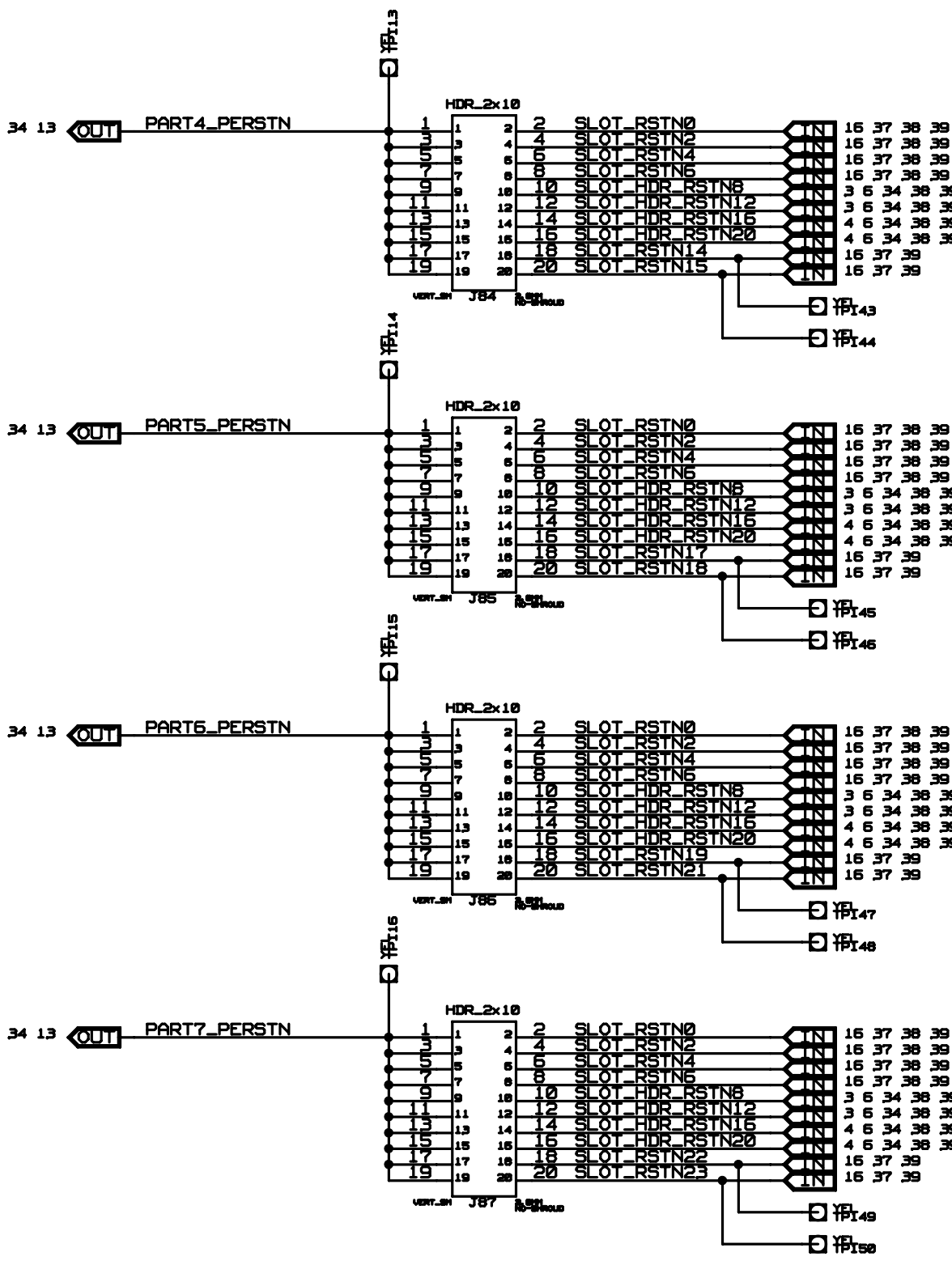
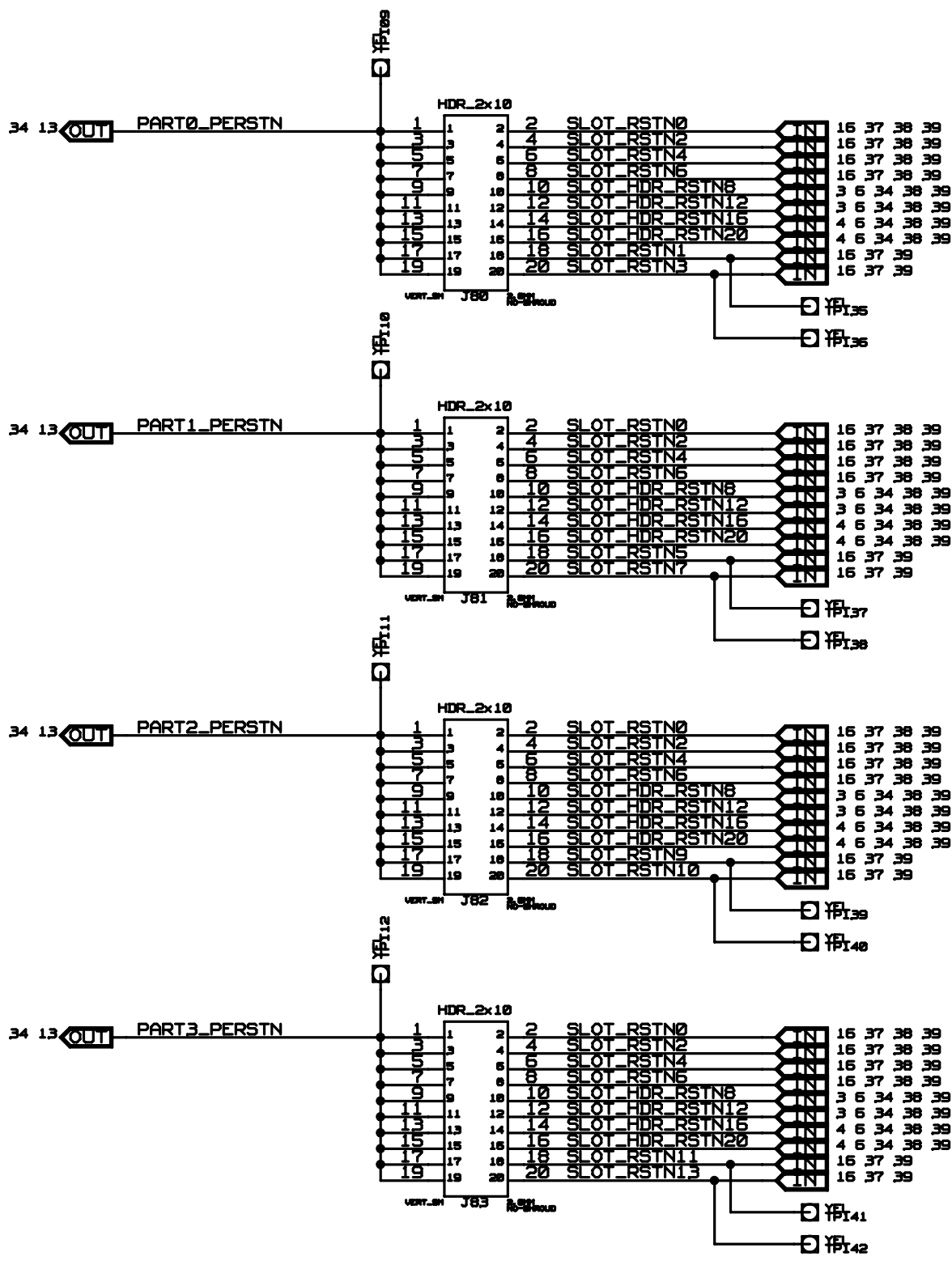
MINIMUM POWER SUPPLY LOADS



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
MIN LOAD RESISTORS			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:35 2010			SHEET 36 OF 41





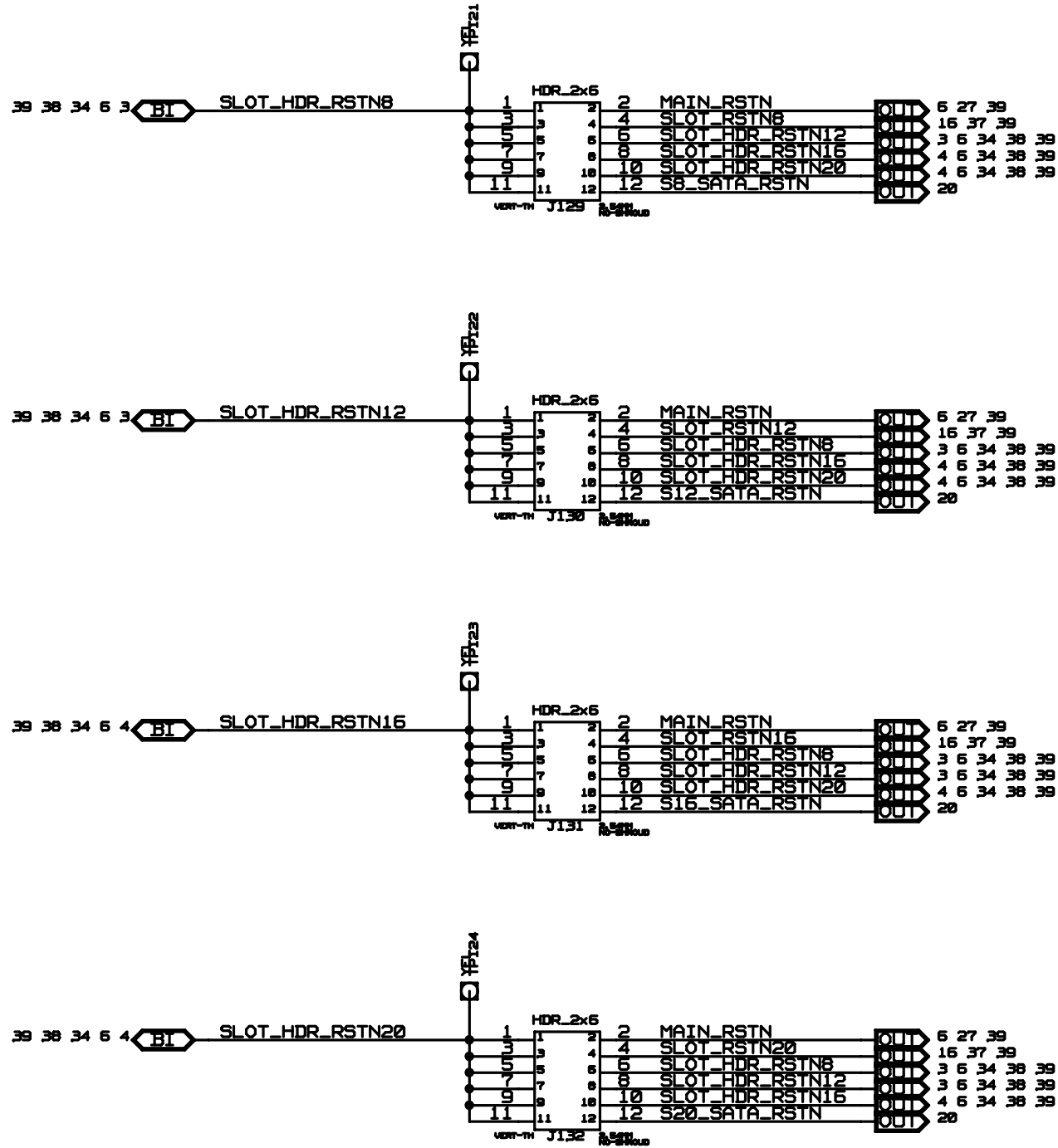
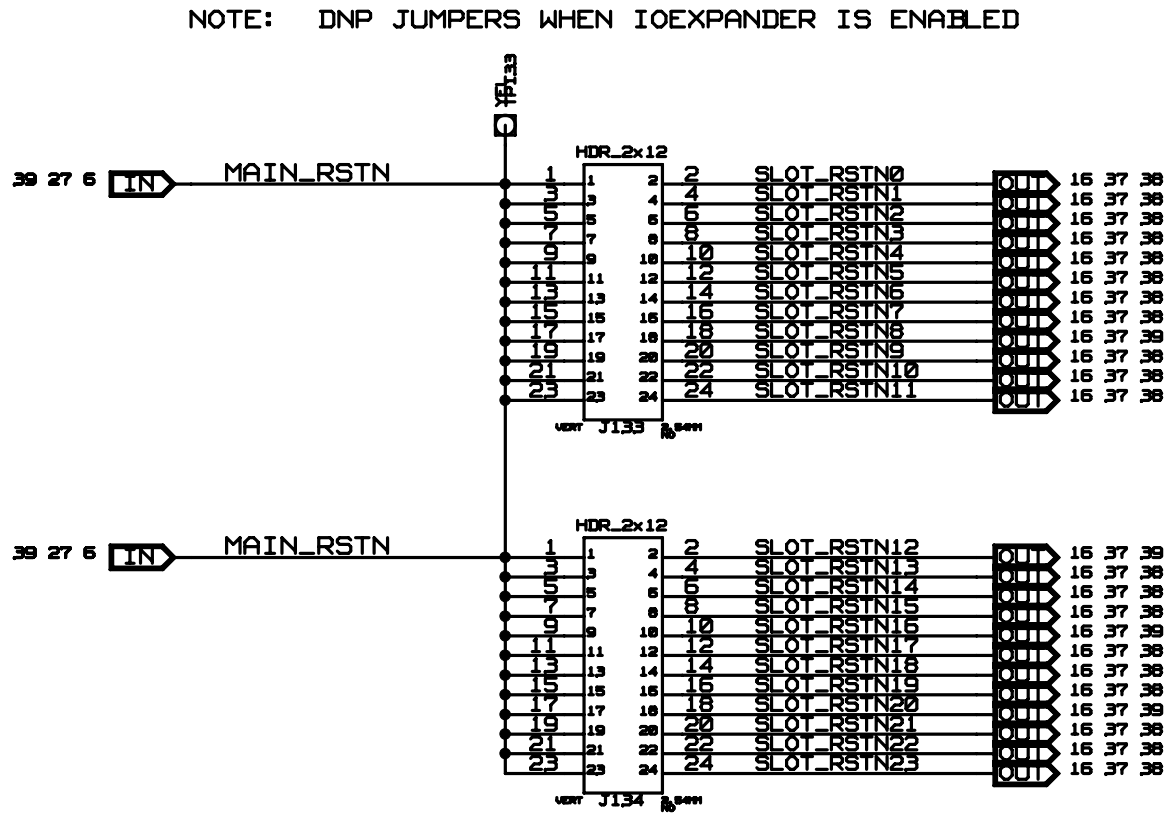


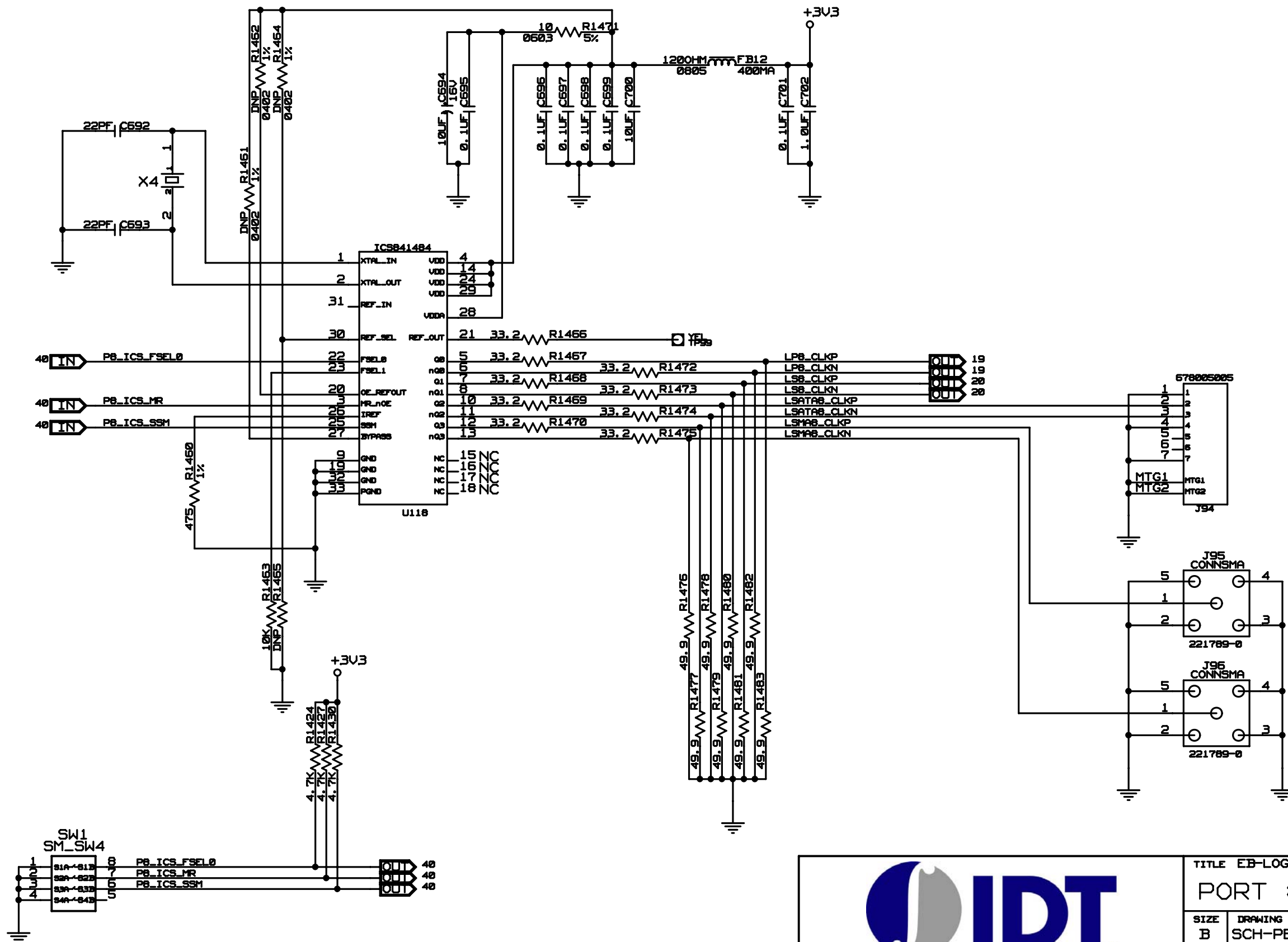
CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19

PARTITION RESET SELECT HEADERS

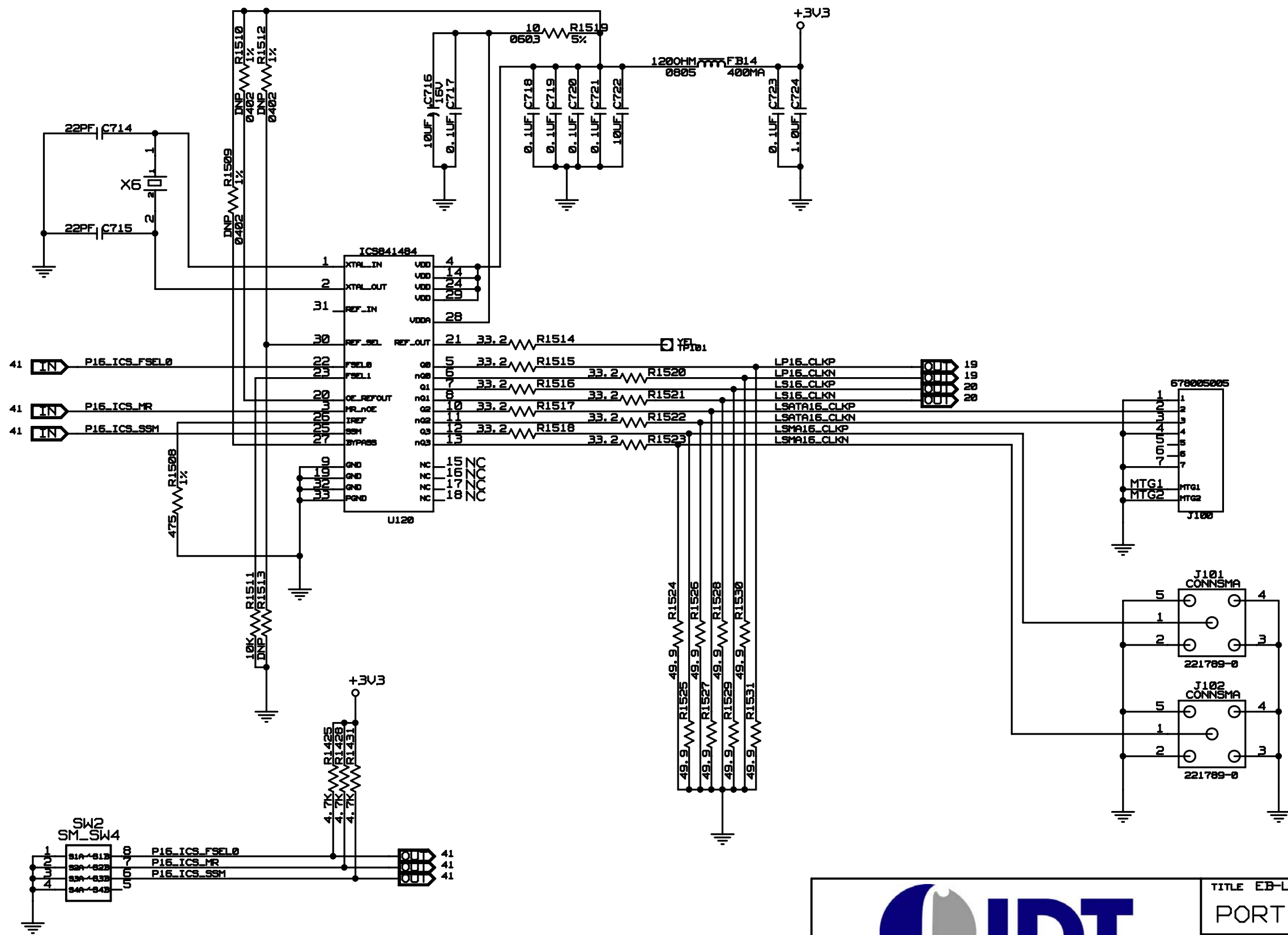
SIZE	DRAWING NO.	FAB P/N	REV.
B	SCH-PESEB-002	18-692-000	1.1
AUTHOR		CHECKED BY	
Tony Tran		Derek Huang	
Tue Apr 20 12:38:35 2010			SHEET 38 OF 41





CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
PORT 8 CLOCK GENERATOR			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:30 2010			SHEET 40 OF 41



CONFIDENTIAL PROPERTY OF INTEGRATED DEVICE TECHNOLOGY, INC.
6824 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138
COPYRIGHT (C)2010 IDT

TITLE EB-LOGAN-19			
PORT 16 CLOCK GENERATOR			
SIZE B	DRAWING NO. SCH-PESEB-002	FAB P/N 18-692-000	REV. 1.1
AUTHOR Tony Tran		CHECKED BY Derek Huang	
Tue Apr 20 12:38:31 2010			SHEET 41 OF 41